CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Bank and office, New York, N. Y., Central Union Trust Co. making plans, $12,000,000.

Power Development, Miami, Okla., J. F. Robinson making plans, $7,000,000.

Bridge, Cairo, Ill., Cairo Bridge Co. making plans, $5,000,000.

Hotel, New York, N. Y., Allerton Operating Corp. having plans prepared, $4,000,000.

Railways, Wisconsin, Chicago, Milwaukee & St. Paul R.R. Co. making plans for grade separation and track depression, $3,575,000.

Theatre, store and hotel, Chicago, Ill., Lubliner & Trinz Theatres, Inc., having sketches made, $3,000,000.

Sewers, Ocean City, N. J., plans new sewerage system, $2,500,000.

Sewers, Dearborn, Mich., bond issue approved, $2,400,000.

Hotel, Chicago, Ill., J. H. Beuttas takes bids soon, $2,000,000.

City hall, Cleveland, O., having plans prepared, $2,000,000.

County City Building, Seattle, Wash., King Co. plans election in November, $1,575,000.

Irrigation, Laredo, Tex., Webb Co. having surveys made, $1,500,000.

Hotel, Ocean City, N. J., Atlantic Hotel Co. having plans prepared, $1,250,000.

Hotel, Terra Haute, Ind., Crawford Fairbanks Heirs, had plans prepared, $1,000,000.

Schools Montgomery, Ala., City voted bonds, $1,000,000.

Apartment, Philadelphia, Pa., Herman & Bobbs having plans prepared, $1,000,000.

Bids Desired

Store, Philadelphia, Pa., Oct. 20 by G. C. Nimmons, archts. for Sears Roebuck Co., $1,250,000.

High School, Indianapolis, Ind., Dec. 1 by School Comrs., $1,000,000.

Contracts

Apartment, New York, N. Y., Siskowitz to S. S. Roth & Son, $3,000,000.

Clubhouse, New York, N. Y. Amer. Women's Realty Assn., Inc., to Marc Eidlitz, $3,000,000.

Sewers, Chicago, Ill., Sanitary Dist. of Chicago to T. J. Forschner Contg. Co., $2,151,971.

Bank and office, Washington, D. C. Coolidge, Shepley, Bulfinch & Abbott, archts., to J. Stewart & Co., $2,000,000.

Church and vestry, New York, N. Y., Church of Heavenly Rest, to T. O'Reilly & Son, $2,000,000.

Apartment, Chicago, Ill., W. Wallen, Jr., to Shellberg Constr. Co. and others, $1,500,000.

Meat packing, Cincinnati, O., E. Kahns Sons Co., to Wells Bros., $1,250,000.

Classified Index of Bids Wanted

Waterworks

Bids close		*See Eng. News-Record*
Oct. 25	Seminole, Okla.	Oct. 14
Oct. 25	Emerson, Ia.	Oct. 21
Oct. 26	Bay Village, O.	Oct. 21
Oct. 26	St. Louis, Mo.	Sept. 16
Oct. 26	Saginaw, Mich.	Sept. 23
Oct. 26	Amarillo, Tex.	Oct. 21
Oct. 27	Baltimore, Md.	Oct. 21
Oct. 27	Cleveland, O.	Oct. 21
Oct. 27	Boston, Mass.	Oct. 21
Oct. 27	Columbus, O.	Oct. 21
Oct. 28	Mansfield, O.	Oct. 21
Oct. 28	Pell City, Ala.	Oct. 21
Oct. 29	Blair, Neb.	Oct. 21
Oct. 29	Ft. Worth, Tex.	Oct. 7
Nov. 1	Greenburg, N. Y. Adv. Oct. 21.	Oct. 21
Nov. 1	Denver, Colo.	Sept. 30
Nov. 1	Melrose, N. M.	Oct. 7
Nov. 1	Amarillo, Tex.	Oct. 7
Nov. 1	Victoria, Tex.	Oct. 21
Nov. 2	Vancouver, B. C.	Oct. 21
Nov. 2	Louisville, Ky.	Oct. 14
Nov. 3	Pierre, S. D.	Oct. 21
Dec. 20	New Orleans, La. Adv. Oct. 21.	Oct. 21

Sewers

Oct. 22	East White Plains, N. Y.	Oct. 7
Oct. 22	Long Island City, N. Y.	Oct. 14
Oct. 25	Jackson, Mich.	Oct. 14
Oct. 25	Elkins Park, Pa. Adv. Oct. 14 and 21.	Oct. 14
Oct. 25	Storm Lake, Ia.	Oct. 14
Oct. 25	Miami, Fla.	Oct. 21
Oct. 25	Providence, R. I.	Oct. 21
Oct. 26	Cincinnati, O.	Oct. 21
Oct. 27	Cleveland, O.	Oct. 21
Oct. 27	Detroit, Mich.	Oct. 21
Oct. 27	Decatur, Ill.	Sept. 23
Oct. 28	Akron, O.	Oct. 21
Nov. 1	New Jersey Adv. Oct. 14 and 21.	Oct. 21
Nov. 2	Toronto, Ont.	Oct. 7
Nov. 5	Xenia, O.	Oct. 21
Nov. 9	Lynn, Mass. Adv. Oct. 14 and 21.	Oct. 21
Nov. 10	Huron, S. D.	Oct. 21
Nov. 10	Birmingham, Ala.	Oct. 7
Nov. 10	Thomasville, N. C.	Oct. 14
Nov. 15	Pikesville, Md.	Oct. 21

Waste Disposal

Oct. 25	St. Lambert, Que.	Oct. 21
Oct. 26	Birmingham, Ala.	Oct. 14

Bridges

Oct. 22	Phila., Pa.	Oct. 21
Oct. 25	Allston (Boston P. O.), Mass.	Oct. 21
Oct. 28	North Tarrytown (Br. Tarrytown), N. Y. Adv. Oct. 14 and 21.	Oct. 14
Oct. 29	Phila., Pa.	Oct. 21
Nov. 1	Newark, N. J. Adv. Oct. 14 and 21.	Oct. 14
Nov. 1	New York, N. Y. Adv. Oct. 21.	Oct. 21
Nov. 1	California	Oct. 21
Nov. 5	New York and Pennsylvania	Oct. 21
Dec. 1	Copenhagen, Denmark	July 15

Dam

Oct. 25	Denver, Colo.	Oct. 21

Excavation, Drainage, Irrigation, Levees, River and Harbor

Oct. 27	Illinois Adv. Oct. 7 to 21.	Oct. 7
Oct. 28	Arkansas	Oct. 21
Nov. 1	Wichita, Kan.	Oct. 14
Nov. 4	Vinton, La.	Oct. 21
Nov. 5	Alexandria, La.	Oct. 21
Nov. 5	Port Allen, La.	Oct. 21
Nov. 16	Rochester, N. Y. Adv. Oct. 21.	Oct. 21

Streets and Roads

Oct. 22	Cincinnati, O.	Oct. 14
Oct. 22	New York, N. Y.	Oct. 14
Oct. 22	St. George, N. Y.	Oct. 14
Oct. 22	Boston, Mass.	Oct. 21
Oct. 23	North Beach Haven (mail Beach Haven), N. J.	Oct. 21
Oct. 23	Cleveland, O.	Oct. 21
Oct. 25	Beaufort, N. C.	Oct. 14
Oct. 25	New Jersey	Oct. 7
Oct. 25	Chicago, Ill.	Oct. 21
Oct. 26	Wisconsin	Oct. 21
Oct. 26	Topeka, Kan.	Oct. 21
Oct. 26	South Dakota	Oct. 14
Oct. 26	Louisiana	Oct. 21
Oct. 26	Long Island City, N. Y.	Oct. 21
Oct. 26	Brenham, Tex.	Oct. 21
Oct. 26	Galesburg, Ill.	Oct. 21
Oct. 26	Shidler, Okla.	Oct. 21
Oct. 27	Indianapolis, Ind.	Oct. 21
Oct. 27	Brooklyn, N. Y.	Oct. 21
Oct. 27	Baltimore, Md.	Oct. 21
Oct. 27	Cleveland, O.	Oct. 21
Oct. 27	Flossmoor, Ill.	Oct. 21
Oct. 27	Decorah, Ia.	Oct. 21
Oct. 28	Anderson, Tex.	Oct. 14
Oct. 28	Mission, Tex.	Oct. 21
Oct. 28	New York, N. Y.	Oct. 21
Oct. 28	Osborne, Kan.	Oct. 21
Oct. 29	New York Adv. Oct. 14 and 21.	Oct. 14
Oct. 29	Mound City, Kan.	Oct. 21
Oct. 29	Arkansas	Oct. 21
Oct. 29	Cincinnati, O.	Oct. 21
Oct. 30	Birmingham, Ala.	Sept. 30
Nov. 1	Brownstown, Ind.	Oct. 21
Nov. 1	Alabama	Oct. 21
Nov. 3	Florida	Oct. 21
Nov. 3	Ottawa, Kan.	Oct. 21
Nov. 4	Newton, Kan.	Oct. 21
Nov. 4	Deland, Fla.	Oct. 21
Nov. 4	West Virginia Adv. Oct. 21.	Oct. 21
Nov. 5	Jetmore, Kan.	Oct. 21
Nov. 5	Pennsylvania Adv. Oct. 21.	Oct. 21
Nov. 8	New Jersey Adv. Oct. 21.	Oct. 21
Nov. 8	West Virginia Adv. Oct. 21.	Oct. 21
Nov. 9	West Virginia Adv. Oct. 21.	Oct. 21
Nov. 11	West Virginia Adv. Oct. 21.	Oct. 21
Nov. 12	Emporia, Kan.	Oct. 21
Nov. 16	Arkansas Adv. Oct. 21.	Oct. 21
Nov. 19	Kentucky	Oct. 21

Buildings—Commercial

Oct. 25	Phila., Pa.	Oct. 21
Oct. 25	Milwaukee, Wis.	Oct. 21
Oct. 26	Columbus, O.	Oct. 14
Oct. 26	Victoria, B. C.	Oct. 14
Oct. 29	Denver, Colo	Sept. 30
Nov. 1	Sioux City, Ia.	Oct. 7
Nov. 1	Evansville, Ind.	Oct. 21
Nov. 4	New York, N. Y.	Oct. 21
Nov. 4	Atlantic City, N. J. Adv. Oct. 7 to 21.	Oct. 7
Nov. 5	Canton, O.	Oct. 7
Nov. 15	Duluth, Minn.	July 15
Nov. 18	Ft. Wayne, Ind.	Oct. 21
Jan. 1	Wash., D. C.	Oct. 7

Buildings—Industrial

Oct. 22	Worcester, Mass.	Oct. 21
Oct. 25	Chicago, Ill.	Oct. 21
Oct. 25	Phila., Pa.	Oct. 21
Oct. 26	Brooklyn, N. Y.	Oct. 21
Nov. 1	Columbus, O.	Oct. 21
Jan. 1	Salem, O.	Sept. 30

Buildings—Educational, Religious

Oct. 23	Norwichtown (Ind. br. Norwich), Conn.	Oct. 14
Oct. 25	Stamford, Conn.	Sept. 23
Oct. 25	Cincinnati, O.	Oct. 7
Oct. 25	Wash., D. C.	Oct. 7
Oct. 25	Wash., D. C.	Oct. 21
Oct. 26	Joplin, Mo.	Oct. 21
Oct. 26	Racine, Wis.	Oct. 7
Oct. 26	Racine, Wis.	Oct. 14

See proposal advertising on page 131

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TRADE "LEADITE" MARK
Registered U. S. Pat. Office

Pipe Joint Knowledge

LEADITE is recognized to be the best material for making joints in cast iron bell and spigot water mains by thousands of water works men thruout the world.

Water works men who keep a check on their systems and make water waste surveys know that their pipe lines laid with LEADITE are tight.

Their experience with LEADITE has proven to them that LEADITE joints improve with age, and that the joints do not corrode or rust.

They know that LEADITE has been successfully tested and used for over 30 years.

They know LEADITE will flow around a 60-in. pipe just as easily as it does around a 4-in. pipe; size does not make any difference. They know LEADITE fills every crevice of the joint.

They know LEADITE eliminates the expense and drudgery of caulking.

They know the simplicity, economy and efficiency with which LEADITE can be used.

Give LEADITE a fair trial and convince yourself of its merit and many advantages.

Join the LEADITE users.

The up-to-date water works man specifies and uses LEADITE.

16-in. c. i. B&S water main laid with LEADITE joints, tested to 195 lbs. water pressure.

LEADITE saves at least 75%

LEADITE is the pioneer self-caulking material for c. i. pipe

Be Sure It Is LEADITE
and Accept No Imitations

THE LEADITE COMPANY, Inc.
1512 Land Title Building, Philadelphia, Pa., U. S. A.

NO CAULKING

Bids close		See Eng. News-Record
Oct. 27	Wash., D. C.	Oct. 21
Oct. 27	Baltimore, Md.	Oct. 21
Oct. 28	Fresno, Calif.	Oct. 7
Oct. 28	Newark, N. J.	Oct. 7
Oct. 29	Kent, O.	Oct. 21
Nov. 1	Newberry, N. C.	Oct. 21
Nov. 2	Milwaukee, Wis.	Oct. 21
Nov. 2	Mansfield, La.	Oct. 21
Nov. 4	Union, N. J.	Oct. 14
Nov. 6	New Albany, Ind.	Oct. 21
Nov. 12	Chicago, Ill.	Oct. 21
Nov. 15	Jacksonville, Fla.	Oct. 7
Dec. 1	Indianapolis, Ind.	Oct. 21
Dec. 1	Duluth, Minn.	Oct. 21
Jan. 1	Wash., D. C.	Oct. 7
Feb. 1	Wash., D. C.	Oct. 7

Federal Government Work

Oct. 22	Insulators, etc.—Wash., D. C.	Oct. 21
Oct. 25	Wharf, etc.—Cape Fear (mail Lillington). N. C.	Oct. 14
Oct. 26	Waterproofing—Sheridan, Wyo.	Sept. 30
Oct. 26	Sand Fill—Gulfport, Miss.	Oct. 7
Oct. 27	Fire Protection—New Haven, Conn. Adv. Oct. 14 and 21.	Oct. 21
Oct. 27	Alterations — Brooklyn, N. Y. Adv. Oct. 14 and 21.	Oct. 21
Oct. 29	Dredging—Newark, N. J. Adv. Sept. 30 to Oct. 21.	Sept. 30

Bids close		See Eng. News-Record
Nov. 1	Survey Boat—Memphis, Tenn. Adv. Sept. 30 to Oct. 21.	Sept. 30
Nov. 1	Remodeling—Evanston, Ill.	Oct. 21
Nov. 1	Dredging—Pearl Harbor, T. H.	Oct. 21
Nov. 2	Pumping Plant, etc.—Bangor, Me. Adv. Oct. 14 and 21.	Oct. 14
Nov. 2	Remodeling—Iowa City, Ia.	Oct. 21
Nov. 5	Derrick Boat—Wash., D. C. Adv. Oct. 7 to 21.	Oct. 7
Nov. 9	Attendants Quarters, etc. — Northampton, Mass. Adv. Oct. 7 to 21.	Oct. 14
Nov. 9	Remodeling—Pasadena, Calif.	Oct. 21
Nov. 10	Dam—San Carlos, Ariz.	Oct. 7
Nov. 17	Barge—Norfolk, Va. Adv. Oct. 21.	Oct. 21
Nov. 17	Quarters—Washington	Oct. 21
Nov. 20	Dredging—Massachusetts. Adv. Oct. 21.	Oct. 21

Unclassified

Oct. 25	Generator—Two Harbors, Minn.	Oct. 21
Oct. 26	Balustrade—New York, N. Y.	Oct. 21

Bids close		See Eng. News-Record
Oct. 27	Generator—Utica, N. Y.	Sept. 30
Oct. 27	Pier—Oceanside, Calif.	Oct. 7
Oct. 27	Sanitary Work—Central Islip, N. Y.	Oct. 7
Oct. 27	Heating, etc.—Middletown, N. Y.	Oct. 7
Oct. 28	Transit Sheds—West Palm Beach, Fla. Adv. Oct. 14 and 21.	Sept. 30
Oct. 28	Swimming Pool—Lodi, Calif.	Oct. 21
Oct. 28	Transit Shed—West Palm Beach, Fla.	Oct. 21
Oct. 29	Subway—New York, N. Y.	Oct. 21
Nov. 1	Foundation—Sioux City, Ia.	Sept. 30
Nov. 10	Heating Work, etc.—Brooklyn, N. Y. Adv. Oct. 21.	Oct. 21
Nov. 10	Sanitary Work, etc.—Central Islip, N. Y. Adv. Oct. 21.	Oct. 21
Dec. 1	Aviary—Wash., D. C.	Oct. 7

Materials

Oct. 22	Circle, Ball Frogs and Crossings—Phila., Pa.	Oct. 21
Oct. 25	Oil—New Jersey	Oct. 21
Oct. 26	Electrical Material—Chicago, Ill.	Oct. 21
Nov. 3	Cable—Melbourne, Australia	Sept. 16

News of New Work

Waterworks

Proposed Work

Massachusetts — Commonwealth of Massachusetts, Metropolitan Water Supply Div., Boston, plans water supply tunnel from West Boylston to Colebrook. $15,000,000. F. E. Winson, 1 Ashburton Pl., Boston, engr.

Mass., Worcester—Municipal Water Dept., plans pumping equipment to pump from Pine Hill Reservoir low pressure pipes to high pressure pipes at Beaver Brook Playgrounds, $45,000; also putting old pump into commission to pump from Metropolitan Reservoir, $25,000. Address City Engineer.

N. J., Clinton—Common Council plans water plant. $125,000. Remington & Vosbury, 509 Cooper St., Camden, engrs.

N. C., Liberty—See "Sewers."

N. C., Newton—Making surveys enlarging water system, new source of supply, dam, pipe lines, etc. Spoon, Lewis & Camp, Greensboro, engrs.

N. C., Raleigh—Plans additional water supply probably obtained from Neuse River. $350,000. W. C. Olsen, Raleigh, engr.

Miss., Iuka — Election Oct. 29, $50,000 bonds, waterworks, distribution system, etc. T. M. McDonald, city clk. Engineer not selected.

La., Farmersille—Election Oct. 26, $52,000 bonds, complete waterworks and distribution system. Swanson-McGraw, Inc., Balter Bldg., New Orleans, engr. Noted July 29.

Mich., Dearborn—Making plans 6, 8 and 12 in. c.i. mains in various streets. $500,000 bond issue approved. F. Storrer, Dearborn, engr.

Mich., Detroit—Dept. Water Supply, making plans extending 24,000 ft. 8 in. c.i. mains in 9 streets, and Outer Dr.; 17,850 ft. 6 in. in 8 streets; and 2,860 ft. 12 in. in Connors Lane. G. H. Fenkell, 176 East Jefferson Ave., engr.

Mich., Royal Oak (Ind. br. Detroit) — Making estimates 1½ m.g. storage tank, and 2 mi. 48 in. main to connect with Detroit water system to supply new section, here. $500,000. R. J. Whitney, city mgr.

Ill., Grafton—See "Bids Desired."

Minn., North Mankato (Mankato P. O.) —Election Nov. 2, $20,000 bonds, 2 wells and emergency pumps. I. J. Hensel, city clk.

Minn., Onamia — Making plans waterworks. $15,000. W. J. Eynon, village clk. Engineer not announced.

Minn., St. Paul—Election Nov. 2, $500,000 bonds, improving waterworks. G. M. Shepard, city engr.

Neb., McCook—Voted $109,000 bonds, improving water supply and enlarging storage capacity, etc. Bruce & Grupe, 710 Bankers Reserve Life Bldg., Omaha, engrs. Noted July 29.

Neb., Westpoint — Making preliminary plans extending and improving waterworks. $20,000. Nixon & Reynolds, 305 Grain Exch. Bldg., Omaha, engrs. Noted Oct. 7.

Mo., Clarence — Election Oct. 26 (extended date), $88,000 bonds, waterworks and distribution system. W. B. Rollins & Co., 521 Ry. Exch. Bldg., Kansas City, engrs. Noted Sept. 30.

Mo., Princeton — Election Oct. 28, $60,000 bonds waterworks and distribution system. Shockley Eng. Co., 800 Graphic Arts Bldg., Kansas City, engrs. Noted Sept. 16.

Tex., Boerne—Voted $60,000 bonds, extending waterworks and pumping equipment, etc. H. L. Davis, mayor. Noted Sept. 23.

Calif., Hanford—Plans to purchase 3,000 ft. 4 in. Bell and spigot type c.i. pipe, and 10 c.i. T's 4 in. size 4 x 4 x 4. D. C. Williams, city clk.

Calif., Ontario—Plans to purchase 1,215 ft. 10 in. No. 1 gauge riveted steel pipe, two 10 in. No. 12 gauge riveted steel flapper nipples, 2 ft. long, and one 10 in. Dayton union for riveted steel pipe. D. B. Wynne, city clk.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.), according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

B. C., Saanich — Municipality, election about Nov. 1, $75,000 bonds, extending 12 in. mains in various streets.

Bids Desired

Mass., Boston — Oct. 27, by Dept. Pub. Wks., new suction chamber for No. 5 pump, Calf Pasture Pumping Station. $15,000 or more. J. H. Sullivan, comr.

N. Y., Greenburgh—Nov. 1, by Greenville Water Dist., Greenville Fire House, Central Ave., 6- to 10-in. mains, hydrants, valves, etc. J. H. Heeney, engr.; adv. E. N.-R. Oct. 21.

Md., Baltimore—Oct. 27, by Bd. Awards, City Hall, heating and vacuum cleaning systems for additions to Montebello Filters for Bureau Water Supply. V. B. Siems, water engr.

Ala., Pell City—Oct. 28, by F. B. Embry, mayor, and Town Council, at office City Clerk, waterworks and distribution system, incl. 24,000 ft. 2- to 8-in. mains, 100,000 gal. elevated tank, 100 g.p.m. pump and electric motor, 200 g.p.m. pump and gasoline engine, and chlorinator. R. L. Totten, Inc., B. M. Bldg., Birmingham, engr.

La., New Orleans—Dec. 20, by Sewerage & Water Bd., 526 Carondelet St., waterworks, sewerage and drainage construction during 1927, on percentage basis. G. G. Earl, genl. supt.; adv. E. N.-R. Oct. 21.

O., Bay Village—Oct. 26, by Village, mains in 11 streets. To exceed $25,000. Wight-O'Rourke Co., Guarantee Title Bldg., Cleveland, engr.

O., Cleveland — Oct. 27, by Bd. Comrs. Cuyahoga Co., 8,300 ft. 6- to 12-in. c.i. mains in Center Ridge Rd., Impvt. 1252. F. Williams, Court House, engr.

O., Columbus—Oct. 27, by Comrs. Franklin Co. 7,355 ft. 6- to 12-in. mains, etc., in Sewer Dist. Franklin 4, Impvt. 100, $21,000; also 3,540 ft. 6 and 8 in. sewers, etc., in Sewer Dist. Clinton 2, known as Contr. 84, $6,000. E. G. Bradbury, Court House, engr.

O., Mansfield—Oct. 28, at office Secretary Bd. Control, 11,650 lin.ft. 12 in. c.i. mains, 4½ ft. cover all machine work through farm lands. T. B. Wolff, dir. Serv.-Safety.

Ill., Grafton—Taking bids deep well for water supply for town 1,200 population; also plans mains and other improvements.

Ia., Emerson—Oct. 25, by P. A. Carson, town clk., 40,000 or 50,000 gal. tank on 60 ft. tower, 13,464 ft. 4- to 8-in. c.i. pipe, 4,644 ft. 2 in. galvanized or c.i. pipe, 17 gate valves, 23 hydrants, 10 in. well, 40 ft. deep, and pump, etc. Henningson Eng. Co., Natl. Bldg., Omaha, Neb., engrs.

Neb., Blair—Oct. 29, by C. E. Krause, city clk., rein.-con. sedimentation basin and aerator mixing trough; two 300 g.p.m. horizontal centrifugal pumps with 25 hp. 3 phase, 220 volt, 60 cycle electric motor, f.o.b. Blair; and 1,104 ft. 6 in. c.i. mains, etc., in various streets. $16,495. Henningson Eng. Co., Natl. Bldg., Omaha, engrs.

S. D., Pierre — Nov. 3, at office J. H. Starkey, city aud., 1,050 g.p.m. deep well motor driven centrifugal pump. Burns & McDonnell Eng. Co., Interstate Bldg., Kansas City, Mo., engrs. Noted June 17.

Tex., Amarillo—Oct. 26, by J. S. Bartlett, city mgr., 76,010 ft. 6- to 18-in. c.i. pipe, 69,923 lb. special fittings, 110,540 lb. pig lead, etc. H. B. Jones, city engr.

Tex., Victoria—Nov. 1, by City Comn., improving waterworks, incl. brick and concrete pump house, boilers, smoke stack, centrifugal pumps, etc. $60,000. Terrell Bartlett Engineers, c/o Calcasieu Bldg., San Antonio, engrs.

B. C., Vancouver—Nov. 2, by City Council, 75 hub end valves for 6 in. c.i. pipe, 50 for 8 in. and 25 for 12 in.; also 50 flanged gate valves for 4 in. c.i. pipe, 50 for 6 in., 25 for 8 in., and 12 for 12 in. $7,500. C. Brackenridge, City Hall, engr.

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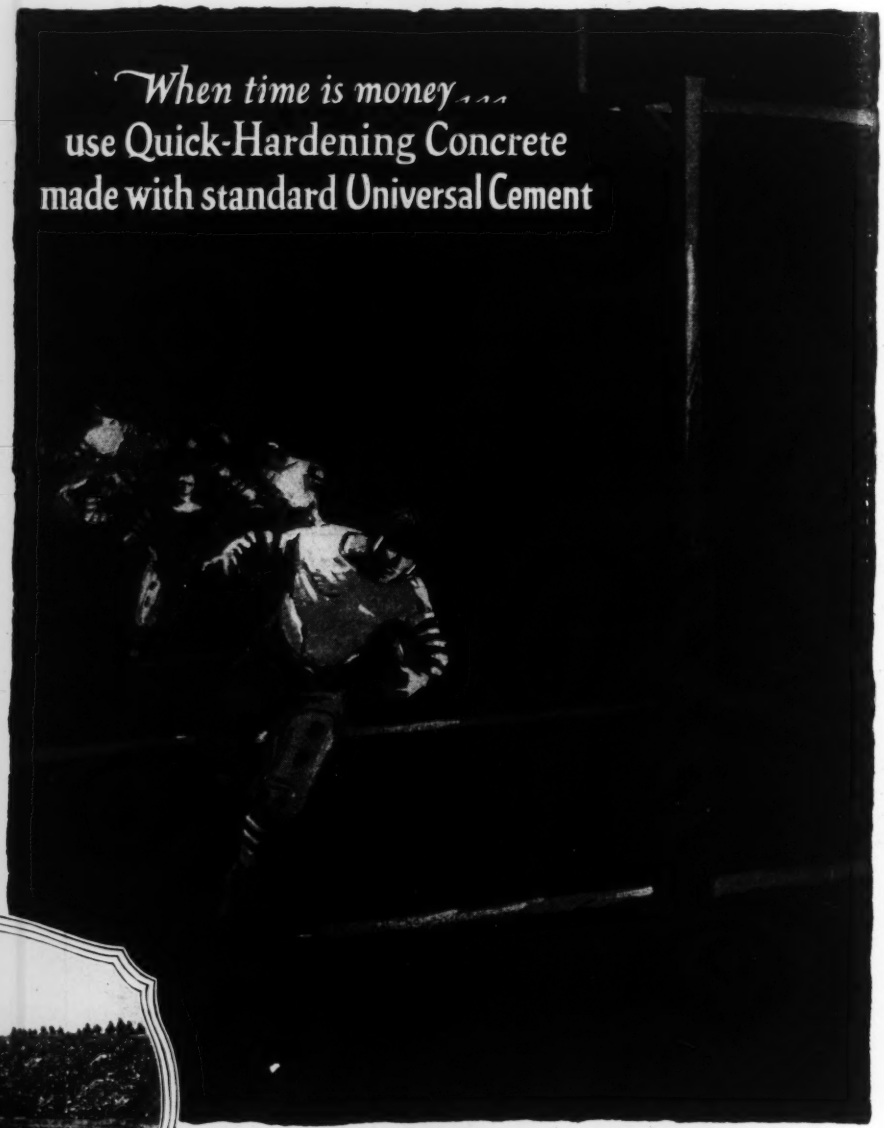
When time is money . . .
use Quick-Hardening Concrete
made with standard Universal Cement



East Stand, Northwestern University Stadium, Evanston, Ill. James Gamble Rogers, New York, architect; Gavin Hadden, New York, engineer; J. B. French Co., Chicago, contractors; standard *Universal* cement furnished by the Central Coal and Material Co., Evanston.

—and the game was played as scheduled!

September 2—football time a month away; Northwestern University scheduled to open the season in its new stadium; much construction still to be done.

Faced with the penalty of 50 cents for each seat not completed on schedule, the contractors eliminated long delays in removing forms and shoring by using High Early Strength *Universal* Concrete. As a result, they were able to complete the work on time. The penalty was avoided.

High early strength concrete, made by using thoroly tested methods and standard *Universal* [not special] cement, may be used on any concrete job.

Detailed information furnished promptly on receipt of coupon

UNIVERSAL PORTLAND CEMENT CO.
210 South La Salle Street, Chicago

Without obligation, please send me detailed information on methods for securing strong Concrete in 3 days with standard *Universal* [not special] cement, the same quality *Universal* regularly used.

Name.....

Address.....

E N R 10-21

Universal Portland Cement Co.

Chicago Pittsburgh Minneapolis Duluth Cleveland Columbus New York

Concrete for Permanence

Waterworks (Continued)

Bids Received

N. Y., Long Island City — N. J. Hayes, comr. Water, Supply, Gas & Electricity Municipal Bldg., New York City, Oct. 8, mains in Anable Ave., Hanley St., etc., here, from S. Gallicci & Sons, 745 Dean St., Brooklyn, $5,867; Park Pl., 4th and 15th Aves., Harrow, 60th, 61st, 63rd and 86th Sts., from G. V. Cornell, Rosebank, S. I., $11,874. Noted Oct. 7.

N. Y., New York—N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., Oct. 8, mains in Arlington Ave., from Beaver Eng. & Contg. Co., 57 Chambers St., $18,790; and in Ampere, Beach, Boller, Bryant Aves., from Knight & De Micco, Inc., 448 Tremont Ave., $14,450. Noted Oct. 7.

Md., Baltimore—Bd. Awards, Oct. 6, excavating trenches and laying mains in Argonne Dr., for Bureau of Water Supply, from Ligon & Ligon, 206 East Lexington St., $68,524. Noted Sept. 23.

O., Beachwood (near Cleveland) — For 13,430 ft. 4- to 16-in. c.i. mains in Kinsman Rd., from Marra Constr. Co., Engineers Bldg., Cleveland, $79,413.

O., Parma (Cleveland P. O.) — See "Sewers."

Contracts Awarded

Conn., Hartford — Bd. Water Comn., 2 masonry filters, regulator house, connecting pipes, etc., to O'Neil Bros., 22 Preston St., approximately $272,000. Engrs. est. $275,000. Noted Oct. 7.

Mich., Detroit—Dept. Water Supply, to U. S. Cast Iron Pipe & Fdry. Co., East Burlington, N. J., 275 tons 8- to 16-in. c.i. pipe, incl. 12 and 16 in. Class H in 12 ft. lengths, with bell and spigot ends without lugs at $56 per ton, with bell and spigot ends with lugs $76, with bell and spigot ends or both spigot ends without lugs, 9 to 11 ft. lengths $86 per ton, with lugs $96, 8, 12 and 16 in. c.i. pipe with bell and spigot ends or both ends spigot, 4 to 5 ft. long $136 per ton. Noted Sept. 9.

Mich., Detroit—Dept. Water Supply, 176 East Jefferson Ave., wells, and 16,580 ft. 8- to 24-in. mains, etc., in various streets, Contr. 1926-12, to B. Canini, 1705 Shawnee Ave., Columbus, O., $41,801; and 46,405 ft. 6- to 16-in. mains, etc., in various streets, Contr. 1926-13, to V. Fintozzi, 3065 Humboldt Ave., $27,821. Noted Sept. 30.

O., Cleveland—Cuyahoga Co., mains in Longwood Dr. and Lander Rd., to A. Marra Co., Engineers Bldg., $15,285 and $9,791 respectively; in Columbia Rd., Impvt. 758, to W. B. Smith, 1350 West 89th St., $16,-604. Grand total $41,680.

O., Maple Heights (Bedford P. O.)—See "Sewers."

Ill., Niles Center—For 6- to 12-in. mains, valves, etc., in various streets, to C. Conrad, Evanston, $62,232.

Ill., Oquawka—For 40,000 gal. steel tank on tower, to Pittsburgh-Des Moines Steel Co., Tuttle and Southwest 10th Sts., Des Moines, Ia.

Ia., Nevada—Pumping equipment, concrete pump foundation, motor, pump derrick, etc., to Layne Bowler Co., 37 West Van Buren St., Chicago, Ill., $12,300. Noted Sept. 9.

Kan., Claflin — General contract waterworks to R. G. Tripp Constr. Co., Herrington, $23,410; steel tower and tank to Chicago Bridge & Iron Wks. Co., 37 West Van Buren St., Chicago, Ill., $6,400; pumping equipment, to Curry Cowan & Smith, Interstate Bldg., Kansas City, Mo., $3,265. Grand total $33,075.

Sewers

Proposed Work

N. J., Ocean City — Plans to expend $2,500,000, new sewerage system to extend from North to 18th Sts. and from Boardwalk to Bay. W. H. Collison, Ocean City, engr.

N. C., Liberty — Election soon $30,000 bonds, sewer additions, also $10,000 bonds, waterworks additions. Spoon, Lewis & Company, Greensboro, engrs.

Mich., Dearborn — Plans 9½ mi. trunk sewers in various sections of village. $2,-400,000 bond issue approved. F. Storrer, Dearborn, engr.

Wis., Milwaukee — J. H. Fowles, secy. Metropolitan Sewerage Comn., 508 Market St., plans improving and constructing addition to drier house, incl. 6 driers, $500,000; replacing jet condensers with surface condensers in boiler room, $50,000; pressing plant $22,000; and deodorizing equipment, $67,500. T. C. Hatton, c/o owner, engr.

Minn., Onamia—Making plans sanitary sewerage system. $25,000. W. J. Eynon, village clk. Engineer not announced.

Minn., Swanville — Plans sewerage system. $25,000. J. J. McRae, Jr., village clk. W. E. Buell & Co., 203 Davidson Bldg., Sioux City, Ia., engrs.

Kan., Eldorado — Making preliminary plans sewers in various streets. To exceed $25,000. Shockley Eng. Co., 800 Graphic Arts Bldg., Kansas City, Mo., engrs.

Kan., Emporia—Election in November $100,000 bonds, sewers in various streets.

Kan., Salina—Making plans sewage disposal plant, pumping station, 10,000 ft. 20 in. c.i. force mains, Dorr and digestion tanks, also sludge beds. $125,000. Haskins & Crawford, 822 Finance Bldg., Kansas City, Mo., engrs. Noted June 17.

N. D., Jamestown—See "Dams."

Mo., Clarence — Election Oct. 26 (extended date), $52,000 bonds, sanitary sewerage system. W. B. Rollins & Co., 521 Ry. Exch. Bldg., Kansas City, engrs. Noted Sept. 30.

Mo., Princeton—Election Oct. 28, $55,000 bonds, sewerage system. Shockley Eng. Co., 800 Graphic Arts Bldg., Kansas City, engrs. Noted Sept. 16.

Tex., Wichita Falls — Voted $100,000 bonds, extending sewers in various streets. F. N. Rugely, city engr. Noted Sept. 16.

Okla., Medford — Voted $30,000 bonds, new sewerage system. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted Sept. 16.

Okla., Pondcreek—Making plans new sewerage system. $30,000. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted July 22.

Okla., Tecumseh—Voted $70,000 bonds, new sewerage system. Gantt-Baker Co., 1116 West Main St., Oklahoma City, engrs. Noted Sept. 16.

Bids Desired

Mass., Lynn—Nov. 9, by Comn. Ways & Drainage, at office City Clerk and City Engineer, City Hall, sewage pumping station and appurtenances, Contrs. 5, 6, 7 and 8. Morris Knowles, Inc., engrs.; adv. E. N.-R. Oct. 21.

R. I., Providence—Oct. 25, by City Clerk's Office, sewerage works in various streets. $25,000. Private plans.

New Jersey — Nov. 1, by State Hy. Comn., Trenton, 3,200 lin.ft. 12- to 42-in. double strength vitr. tile or rein.-con. storm water drain on Route 1, Cranbury, Middlesex Co. A. L. Grove, secy; adv. E. N.-R. Oct. 21.

Md., Pikesville — Nov. 15, by Comrs. Baltimore Co., Courthouse, Towson, concrete sewerage ejector buildings and disposal plant, Proposal 9-S, here. A. E. Walden, Courthouse, Towson, ch. engr.

Fla., Miami—Oct. 25, by City Comn., pumping station and sewers in Sewer Impvt. Dists. 213, 214, 215 and 216, Div. A, furnishing complete pumping equipment for pumping station at 54th St. and 3rd Ave. N. W.; Div. B, constructing underground sanitary sewage pumping station; Div. C, laying 4,610 ft. 20 and 24 in. redwood, 1,940 ft. 20 in. universal c.i. and 2,670 ft. 24 in. concrete pipe; Div. D, 8,373 ft. 8- to 24-in. vitr. pipe. H. E. Ross, city clk. Former bids rejected. Noted Sept. 16.

La., New Orleans—See "Waterworks."

O., Akron—Oct. 28, by W. F. Peters, dir. Pub. Serv. 7,335 ft. 8- to 42-in. vitr. clay sewers in North Portage Path et al, $89,-700; 2,830 ft. 12- to 36-in. in South Arlington St., $30,300; 2,100 ft. 12- to 24-in. in Buchtel Ave., $22,400; and 280 ft. 12- to 18-in. in Norton St., $2,700. J. E. Root, Municipal Bldg., engr.

O., Cleveland — Oct. 27, by Bd. Comrs. Cuyahoga Co., 10,000 ft. 8- to 30-in. concrete, vitr. or segmental block sewers in Pearl Rd., Impvt. 103; also 10,000 ft. in Brookview Blvd., Impvt. 112. F. Williams, Court House, engr.

O., Cincinnati—Oct. 26, by Comrs. Hamilton Co., 54,217 ft. 6- to 12-in. vitr. clay sewers in Sanitary Sewer 4, Dist. 1. $130,-084. L. C. Boyatt, Court House, engr.

O., Columbus—See "Waterworks."

O., Xenia—Nov. 5, by Bd. Trustees Wilberforce University sewage disposal plant, Imhoff and filter tanks. $48,000. H. B. Briggs, Ohio-Hartman Bldg., Columbus, archt.

Mich., Detroit—Oct. 27, by Dept. Pub. Wks., East Jefferson Relief Sewer in East Jefferson St., from Clairpointe to Manistique Aves.; 6,481 ft. 5 to 14 ft. cylinder pipe and 8,932 ft. Mill Rd. Sewer, Sect. 1, in Mill Rd. from Rouge River to Ford Rd. P. A. Fellows, City Hall, city engr.

S. D., Huron—Nov. 10, by M. F. Walt, city aud., main outfall sewer in various streets. Burns & McDonnell, Interstate Bldg., Kansas City, Mo., engrs. Noted Sept. 30 under "Waterworks."

Tex., Raymondville—Taking bids, complete sewerage system and disposal plant. $50,000. J. E. Johnson, Raymondville, engr. Noted Sept. 16.

Bids Received

N. Y., New York—J. Miller, pres. Manhattan Boro, Municipal Bldg., Oct. 15, sewers in Avenue C, etc., from Necaro Co., Inc., 105 Court St., Brooklyn, $496,170. Noted Oct. 7.

Md., Baltimore — Bd. Awards, Oct. 13, storm drains and sanitary sewers in miscellaneous districts, Storm Water Contr. 96, from F. Angelozzi, 238 Albemarle St., $73,-104. Noted Oct. 7.

O., Cincinnati—See "Streets and Roads."

O., Parma (Cleveland P. O.) — Sewers and watermains in Krueger Ave., from Hanna-Michael Constr. Co., Huron-Sixth Bldg., Cleveland, $8,583; in Pinegrove and Springdale Ave., from Assad Co., 644 Bradley Court, Cleveland, $10,059; in Pershing Ave., from Cuyahoga Sewer Constr. Co., $19,217; and in Torrington Ave., from Yahya Bros., 3196 West 25th St., Cleveland, $11,390.

Mich., Detroit—Dept. Pub. Wks., brick, concrete and vitr. crock sewer, etc. in Fenelon Ave. Arm, State Fair Sewer, from T. D. Nolan, Plymouth Rd. and Pere Marquette R.R. tracks, $45,520. Noted Oct. 7.

Wis., Cudahy—C. H. Wolbert, city clk., Oct. 12, 8- to 30-in. vitr. sewers and laterals in Somers, Carpenter, Munkwitz and Swift Aves., from N. Tamaro, 909 Layton Ave., $25,000.

Wis., Milwaukee—Dept. Pub. Wks., R. E. Stoelting, comr., Oct. 7, concrete sewer in Obrecht St. and Port Washington Ave., from Wenzel & Henoch Constr. Co., 498 27th St. $1,686 and $5,762 respectively, Olive St. and 27th Ave., from G. Zimmermann, 3402 Grand Ave., $10,009 and $8,771 respectively, Orchard and 36th Sts., from Lancaster & Friedricks, 784 34th St., $31,-079 and $448 respectively, Washington Blvd., from Milwaukee Sewer & Drainage Co., 928 Humboldt Ave. $1,275, South Fond du Lac Ave., from H. O. Schaefer & Sons, 752 64th Ave. $2,771, and 25th St., from A. H. Koch, 2917 Grand Ave. $1,827; sewers in 53rd St., from Rausch & Busse, 918 44th St. $16,694, 57th St., from B. Goggins, 3701 Highland Blvd. $7,372, and 58th and 59th Sts., from Kehrein Bros., 1304 11th St. $7,261 and $6,708 respectively.

Calif., Yuba City—Concrete pressure line and vitr. sewerage system, from W. J. Tobin, 527 Santa Ray Ave., Oakland, $76,054.

Contracts Awarded

Mass., Boston—Dept. Pub. Wks., sewerage works in various streets in Roxbury and Dorchester, to T. J. O'Connell, 75 Claymore Rd., Brighton. Engrs. est. $25,000. Noted Sept. 22.

R. I., Providence — City Clerk's Office, City Hall, sewerage works in various streets, to A. Aiello, 60 Weybosset St., Providence. Engrs. est. $25,000. Noted Sept. 23.

N. Y., Albany—See "Streets and Roads."

N. Y., Brooklyn—J. J. Byrne, boro pres., Boro Hall, sewer in Avenues O and M, to R. Nazzarro, Inc., 1550 62nd St., $59,378 and $998 respectively; Sutter Ave., to Tomassetti & Co., Inc., 1133 60th St., $2,367. Grand total $62,743. Noted Oct. 7.

Md., Baltimore — Bd. Awards, storm drains, sanitary sewers, and railroad tunnel in Sewer Dist. 38, Storm Water Contr. 91, to H. T. Campbell Sons Co., Towson, $128,654. Noted Oct. 7.

D. C., Wash.—Woodridge Sewer, to H. Cain Co., Wash., D. C., $27,545.

O., Cleveland—Sewers in Chester Ave., to Iafornaro & Nero Constr. Co., 2280 Murray Hill Rd., $45,088. Noted Sept. 23.

O., Maple Heights (Bedford P. O.) — Sewers and watermains in various streets, to J. B. Lynn, 16311 Saranec Rd., Cleveland, $36,653 and $28,982 respectively. Noted Oct. 7.

Ill., Chicago—Sanitary Dist. of Chicago, 910 South Michigan Ave., synchronous motor driven centrifugal pumping units to operate against a total dynamic head of 68 ft., incl. 2 units at 100 cu.ft. and 5 units at 200 cu.ft. per second, to Allis-Chalmers Co., West Allis, Milwaukee, Wis., for East Side Sewage Treatment Wks. $115,000.

Ill., Chicago—Sanitary Dist. of Chicago, 910 South Michigan Ave., West Side Sewage Treatment Wks., Div. B, to T. J.

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Mortar Effects Made Permanent

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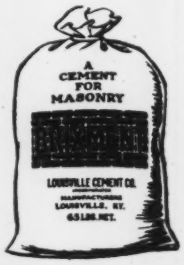

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Sewers (Continued)

Forschner Contg. Co., 3153 Bryn Mawr Ave., $2,151,971. Noted Sept. 16.

Ill., Niles Center — For 10- to 42-in. sewers in various streets, to C. Conrad, Evanston, $88,058, various sewer and water stubs, to G. Harding, 3139 Indiana Ave., Chicago, $31,486.

Minn., St. Paul—A. E. Eggert, city purch. agt., constructing Trout Brook Sewerage System, Contr. B, to Thornton Bros. Co., 318 Endicott Bldg., $238,887. Noted June 3.

Tex., Rule—Outfall sewer and disposal plant, to Kirkwood, Wharton & Lee, 231 West Commerce St., San Antonio, $45,240. Noted Aug. 10.

Okla., Coweta — Outfall and sanitary sewers in various streets, to Foster & Roach, 1127 South Evanston St., Tulsa, $37,448.

Okla., Red Fork—Complete sewerage system, to C. G. Fike, & Co., 22 Nebraska Bldg., Tulsa, $81,890. Noted Sept. 2.

Wash., Sunnyside—Approximately 6 mi. 8 in. to 15 in. trunk sewerage system, to Campbell Constr. Co., Sunnyside, $79,000. Noted Aug. 19.

Ont., North Bay—For 2,000 ft. sanitary tile sewers in 2nd Ave., to J. H. Billington, 29 1st Ave. Engrs. est. $25,000.

Ont., Toronto—Sewers in Valley View and Heydon Park Rd., to P. Licastro & Co., 1423 Dufferin St., $2,610; Queens Quay and York St., to W. E. Taylor, 22 Falcon Ave., $23,318; Oriole Parkway and Leith Pl., to Ruscica Bros., 84 Woodycrest Ave., $2,550; and Harwood Rd., to W. R. Worthington Constr. Co., 57 Lascelles Blvd., $2,049. Grand total $30,527. Noted Aug. 19.

Waste Disposal

Proposed Work

Tex., San Antonio — Election Nov. 15, $150,000 bonds, 3 brick, steel and concrete incinerators. I. Ewig, city engr. Noted Oct. 14.

Bids Desired

Que., St. Lamberts—Oct. 25, by J. R. Beatty, City Hall, installing and constructing garbage incinerator and building.

Contracts Awarded

Pa., Phila.—Dept. Pub. Wks., Bureau of Street Cleaning, 200 ton per day incinerator complete, 51st St. and Greys Ave., to Decarie Incinerator Corp., 342 Madison Ave., New York City, N. Y., $408,400. Former contract rescinded. Noted July 29.

Bridges

Proposed Work

Massachusetts—Comrs. Essex Co., Salem, rejected bids Sept. 17, reconstructing concrete and granite abutments East Saugus Bridge, between Lynn and Saugus. $25,000 or more. Noted Sept. 23.

Ky., Louisville—City Bridge Comn. retained R. Modjeska and F. M. Masters, consult. engrs., Calder Bldg., Harrisburg, Pa., to prepare preliminary plans bridge over Ohio River, here. Noted Sept. 30.

Ill., Cairo — Cairo Bridge Co., H. E. Bovay, pres., plans bridge across Mississippi River, here. $5,000,000.

Missouri — State Hy. Comn., Jefferson City, making plans two 4 ft., two 6 ft., one 8 ft., four 10 ft., four 12 ft., three 18 ft., eight 20 ft., and three 24 ft. rein.-con. slab, two 30 ft., ten 35 ft., six 50 ft., seven 40 ft., two 45 ft. and two 25 ft. rein.-con. deck girder, also one 70 ft. steel truss spans, etc. in 12 counties. B. H. Piepmeier, ch. engr.

Mo., Albany—Gentry Co., election Nov. 2, $100,000 bonds, constructing bridges in various sections. W. W. Caster, co. clk.

Mo., St. Joseph—See "Streets and Roads."

Tex., Denton—Election Nov. 9, $25,000 bonds, bridges. B. E. McKenzie, mayor. Noted Sept. 16.

Tex., Marlin—Southern Pacific Ry. Co., G. W. Boschke, ch. engr., 65 Market St., San Francisco, Calif., making plans timber, concrete and steel bridge over Big Creek, south of here. $75,000 or more.

Tex., Panhandle — See "Streets and Roads."

Tex., San Angelo — See "Streets and Roads."

Tex., San Antonio — Election Nov. 15, $250,000 bonds, 5 rein.-con. and steel bridges across San Antonio River. I. Ewig, city engr.

Okla., Ravia—State Hy. Dept., Oklahoma City, made surveys 3 span 420 ft. steel truss bridge on concrete piers over Washita River, Johnson Co., here. $32,000. J. M. Page, highway engr.

Wash., Seattle — Comrs. King Co. plan election in November, $300,000 bonds, replacing wooden bridge with 200 ft. steel double leaf bascule bridge over Duwamish River, at 14th St. S., South Seattle.

Bids Desired

Mass., Allston (Boston P. O.)—Oct. 25, by Dept. Pub. Wks., Boston, reconstructing concrete and steel bridge over Baltimore & Albany R.R. tracks, here. $25,000. J. H. Sullivan, comr.

Connecticut—See "Streets and Roads."

New York and Pennsylvania—Nov. 5, by A. W. Brandt, comr. Bureau Highways, Albany, N. Y., repairing and strengthening bridges as listed in Contrs. 2 and 3; adv. E. N.-R. Oct. 21. Noted Sept. 23.

New York—Nov. 1, at office Bd. Supervs., Court House, White Plains, rein.-con. and masonry bridge over Bronx River, on Midland Ave., in town of Eastchester and cities of Mount Vernon and Yonkers. F. L. Merritt, clk.; adv. E. N.-R. Oct. 21.

Pa., Phila. — Oct. 22, by Montgomery Smith, purch. agt. Pennsylvania R.R. Co., at 17th and Filbert Sts., bridges, Contr. 52-1926. A. C. Shand, Broad St. Sta., ch. engr. railroad.

Pa., Phila.—Oct. 29, by M. Smith, purch. agt. Pennsylvania R.R., at 17th and Filbert Sts., structural metal work for bridges, Contr. 54-1926; also crossings and frogs, Contr. 55-1926.

West Virginia—See "Streets and Roads."

Kan., Osborne—See "Streets and Roads."

California—Nov. 1, by State Hy. Comn., Sacramento, three 45 ft. and one 30 ft. span rein.-con. girder bridge across Gaviota Creek, Santa Barbara Co. R. M. Morton, Forum Bldg., Sacramento, state hy. engr. Noted Sept. 2.

Bids Received

Mass., Sandwich—Dept. Pub. Wks., Boston, Oct. 5, reconstructing concrete beam bridge and approaches, here, from Powers Bros., North Montello St., Brockton, $49,648. Noted Sept. 30.

Delaware—State Hy. Dept., Dover, substructure South Market Street Bridge over Christiana River, Wilmington, Contr. 72, from Dravo Constr. Co., Neville Island, Pittsburgh, Pa., $229,440; grading, etc. 2.6 mi. Vances Neck Rd., Contr. 73, from George & Lynch, Dover, Del., $19,046. Noted Sept. 23.

Md., Baltimore—State Roads Comn., 601 Garrett Bldg., Oct. 5, 3 span 66 ft. steel and concrete girder bridge over Baker St., Contr. BC-59, from T. D. Claiborne Co., Garrett Bldg., $82,185. Noted Sept. 23.

O., Cincinnati—See "Streets and Roads."

Indiana—J. D. Williams, dir. State Hy. Comn., Indianapolis, Oct. 12, one 72 ft. span steel truss superstructure over Honey Creek, Contr. 116, Project 37, Johnson Co., and two 156 ft. span steel truss superstructure over Wabash River, Contr. 118, Project 50, Knox Co., from Vincennes Bridge Co., Vincennes, $4,987 and $27,938 respectively; 38 ft. rein.-con. girder bridge over Comer Run, Contr. 117, Project 40, Wayne Co., from J. E. Smith Constr. Co., Richmond, $8,497. Noted Sept. 30.

Contracts Awarded

N. J., Ringwood (Ringwood Manor P. O.)—Northern New Jersey Water Supply Comn., 24 Commerce St., Newark, 7 span, 525 ft. rein.-con. bridge, here, to General Constr. Co., Inc., DuPont Bldg., Wilmington, Del., $199,500.

Virginia — State Hy. Dept., Richmond, 7 span 912 ft. rein.-con. truss bridge on concrete piers over New River, on Route 12, Grayson Co., incl. 136,000 lb. reinforcing, etc., to Roanoke Iron & Bridge Wks., Roanoke, $111,481, engrs. est. $122,629; 4 span 200 ft. steel truss bridge on concrete piers over Banister River, on Route 14, Pittsylvania Co., 52,150 lb. reinforcing, etc., to M. C. Turner, Durham, N. C., $17,633, engrs. est. $19,396. Noted Sept. 16.

Fla., Jacksonville—Bd. Comrs. Duval Co., Ribault River Bridge, to Small & Triplett, Lancaster, S. C. Noted Aug. 12.

Fla., Vero Beach — See "Streets and Roads."

Miss., Swiftown—Humphreys Co. (Belzoni), bridge over Yazoo River, at Old Silent Shade Landing, near here, to G. T. Young Bridge Co., Nashville, Tenn., $32,500.

Michigan—F. F. Rogers, state highway comr. at office Oakland Co., Road Comn., Court House Annex, Pontaic, S. R. Bridge 6302001, on County Assessment Dist. Rd. 16, Oakland Co., Sect. B, Contr. 2, 40 ft. through concrete girder and superstructure 810 ft. steel deck girder, to Wisconsin Bridge & Iron Co., 1362 Penobscot Bldg., Detroit, $32,095 and $113,057 respectively; structural steel for latter portion, Contr. 1, to Amer. Bridge Co., 1328 Buhl Bldg., Detroit, $59,816. Grand total $204,968.

Kan., Junction City—See "Streets and Roads."

Tex., Albany—See "Streets and Roads."

Ont., Welland—Dept. Railways, Ottawa, 124 ft. bridge over Welland Canal, here, to Canadian Bridge Co. Ltd., Walkerville, $328,685.

Dams

Proposed Work

N. D., Jamestown—A. H. Sherman, city aud., plans 1,000 ft. concrete dam, 25 ft. high, across James River, near Buchanan, to impound water for sewage disposal project. $75,000.

Tex., Laredo — See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

Bids Desired

Colo., Denver—Oct. 25, by Dept. Impvt. & Parks, constructing Evergreen Dam on Bear Creek in Mountain Parks of City and Denver Co. $75,000. A. K. Vickery, City Hall, engr.

Contracts Awarded

Wis., Ashland — Lake Superior Dist. Power Co., 212 2nd St. W., repairing concrete dam, to L. E. Myers Co., 53 West Jackson Blvd., Chicago, Ill. Engrs. est. $50,000.

Railways

Proposed Work

North Carolina — Comrs. Bertie Co. (Windsor) election Oct. 23, in Windsor Twp., $50,000 bonds, converting present narrow gauge Carolina Southern Ry., into standard gauge railroad in Windsor.

Wisconsin—Chicago, Milwaukee & St. Paul R.R. Co., C. F. Loweth, ch. engr., Union Sta., Chicago, Ill., making plans grade separation, incl. approximately 12,000 ft. track depression between Highland Blvd. and Fond du Lac Ave., in Milwaukee. $3,575,000.

Contracts Awarded

Mississippi—New Orleans Great Northern R.R. Co., 909 Whitney Central Bldg., New Orleans, La., W. E. Farris, vice-pres. and genl. mgr., grading right-of-way 6.65 mi. new railroad and terminals from Nogan Junction to Jackson, to J. L. McWilliams, Exch. Bldg., Memphis, Tenn. Noted Oct. 7.

Washington — Bd. Pub. Wks., Seattle, constructing 4.3 mi. Skagit River Ry. Extension between Seattle Gorge Creek Hydro-Electric Plant and Diablo Canyon, in Seattle, to Morrison Knudson Co., 319 Bway., Boise, Idaho, $243,448.

Excavation, Drainage, Irrigation, Levees, River and Harbor

Proposed Work

Ill., Vandalia—Ramsey Creek D. D., C. Doyle, secy., making preliminary plans straightening Ramsey Creek and improving drainage ditches, etc. $35,000. J. V. Waddell, Vandalia, engr.

Tex., Laredo — Webb Co., c/o G. S. Marshall, chn. com., making surveys, etc., irrigation project incl. dam in Santa Isabella Creek impounding sufficient water to irrigate from 50,000 to 70,000 acres. $1.-500,000 or more. Address G. Marshall, Laredo, engr.

Tex., San Antonio — Election Nov. 15, $600,000 bonds, flood prevention, incl. concrete and brick tunnel across bend in San Antonio River, at Market St. I. Ewig, city engr. S. F. Crecelius, 201 Torcido Dr., consult. engr.

Okla., Pauls Valley—Garvin Co. making surveys straightening Rush Creek from east city limits to Washita River. $35,000. P. A. Little, Pauls Valley, engr.

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Granite Lives Forever—

Pictures on the Granite Cliffs

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Excavation, Drainage, Irrigation, Levees, River and Harbor (Continued)

Wash., Wenatchee—East Wenatchee Domestic Water Users Assn., R. Ramaker, pres., made plans irrigating 1,000 acres, here.

Bids Desired

N. Y., Rochester—Nov. 16, by T. F. Farrell, comr. Canals & Waterways, 353 Bway., Albany, constructing subdrainage system and pumping facilities in Genesee Valley Canal bed, here, Terminal Contr. 48-A; adv. E. N.-R. Oct. 21.

La., Alexandria—Nov. 5, by Red River, Atchafalaya & Bayou Boeuf Levee Dist., S. B. Presburg, 515 Commercial Bank Bldg., secy., approximately 19,000 cu.yd. excav. in Horse Shoe D.D. Sub-Lateral, in Rapides Parish. State Bd. Engineers, 213 New Orleans Court Bldg., New Orleans, engrs.

La., New Orleans—See "Waterworks."

La., Port Allen — Nov. 5, by Comrs. Atchafalya Basin Levee Dist. at office 213, New Orleans Court Bldg., New Orleans, approximately 200,000 cu.yd. excav. between Bayou Latanache and Siphon Bayou, in Point Coupee Parish. State Bd. Engineers, 213 New Orleans Court Bldg., New Orleans, engr.

La., Vinton—Nov. 4, by Gravity D. D., approximately 10 mi. main canal, cleaning out and widening 30 mi. laterals, in Calcasiau Parish. F. Shutts & Son, Lake Charles, engrs.

Wis., Kenosha — See "Buildings — Commercial."

Arkansas—Oct. 28, by Bd. State Engineers, 213 New Orleans Court Bldg., New Orleans, La., Fulton Lake capping in Desha Co. (Arkansas City), Ark., Mississippi River right bank, incl. 21,000 cu.yd. excav., etc., here, for Tensas Basin Levee Dist., Rayville, La., and Southeast Arkansas Levee Dist. of Arkansas.

Calif., Turlock—See "Contracts Awarded."

Bids Received

Mich., Detroit—City, dredging Fox Creek from south of Freud Ave. to point south of Jefferson Ave., from Liberty Constr. Co., Detroit Savings Bank Bldg., $36,800.

Contracts Awarded

N. Y., New Rochelle—Westchester Co. Park Comn., 72 Pondfield Rd., Bronxville, dredging and filling between islands at Glens Islands Park, here, to Economical Sand & Gravel Co., Tompkinsville, S. I., $68,400. Noted Oct. 7.

N. Y., New York—M. Cosgrove, comr. Docks, Pier A, Battery Pl., dredging foot of Fordham Rd. Landing Pier, Harlem River, Contr. 1874, to Great Lakes Dredge & Dock Co., 17 Battery Pl., $7,650. Noted Oct. 7.

Ark., Lake Village—Chicot County D.D., J. Sloss, chn., concrete sluiceway in main Drainage Ditch 2, to J. G. Lawrence, 339 Gazette Bldg., Little Rock, Ark., $79,178. Noted Aug. 26.

Tex., Galveston—Galveston Co., c/o J. M. Murch, aud., driving piles and excavating for 2,800 ft. extension to sea wall from 53rd to 61st Sts., to J. W. Zempter & Co., 2204 Ave. B; steel forms, to J. Jacobson, 2311½ C St., and bulkheads to Orange Car & Steel Co., Orange. Engrs. est. $340,000. Noted Apr. 29.

Calif., Oakland — Southern Pacific R.R. Co., 65 Market St., San Francisco, dredging approximately 58,000 cu.yd. Oakland Pier, here, to Pacific Coast Dredging Co., 112 Market St., San Francisco, at $0.35 per cu.yd. Noted Mar. 18.

Calif., Turlock—Turlock Irrigation Dist. will line with concrete approximately 10 mi. canal, etc., by day labor. R. V. Meikle, Turlock, engr. Noted Sept. 16 under "Buildings—Industrial."

Ont., Port Arthur—Dept. Pub. Wks., Parliament Bldgs., Ottawa, temporary wood pile and timber breakwater, here, to Thunder Bay Harbor Impvt. Co., Port Arthur, $27,676.

Streets and Roads

Proposed Work

Massachusetts—State Hy. Dept., Boston, plans highway in Webster and Douglas, $25,000 or more. W. F. Williams, comr. Dept. Pub. Wks.

Mass., Boston—Commonwealth of Massachusetts plans reconstructing Tenaen St. as extension, and improving Old Colony Parkway. $25,000 or more. J. R. Rablin, Metropolitan Dist. Comn., 15 Ashburton Pl., engr.

Mass., Boston — Plans probably bituminous paving Olmstead St. as highway from West Roxbury to Forest Hills. $25,000. J. H. Sullivan, comr. Dept. Pub. Wks.

Mass., Boston — Plans roadway from Queensberry St. to Fens Bridge, Back Bay Dist. $55,000. F. H. Fay, chn. City Planning Bd.

Pennsylvania—State Hy. Dept., Harrisburg, cancelled contract rein.-con. paving, etc., 7,855 sq.yd. Application 4271, Montgomery Co. Noted Oct. 14.

W. Va., Berkeley Springs—Sleepy Creek Dist. election Nov. 2, $50,000 bonds, improving various roads in Morgan Co.

W. Va., Moundsville—Washington Dist. election Nov. 2, $75,000 bonds, improving various roads in Marshall Co. R. L. Molter, Moundsville, engr.

W. Va., New Martinsville — Grant Dist. election Nov. 2, $490,000 bonds, improving roads in Wetzel Co. G. A. Harman, co. clk.

Miss., Winona—Montgomery Co., election soon $250,000 bonds, improving Dists. 1 and 4, Jefferson Davis and Greenville-Columbus Highways. B. D. Dotson, Winona, pres. Board Supervs. Noted July 1.

La., West Monroe — See "Contracts Awarded."

Tennessee—State Dept. Highways & Pub. Wks., Nashville, plans improving 15 mi. Erwin-Johnson City Rd., Unicoi Co.; 10 mi. Milan-Atwood Rd., Gibson and Carroll Counties; 20 mi. Ashport-Ripley Rd., Lauderdale Co.; and 20 mi. Wartburg-Harriman Rd., Morgan Co. C. N. Bass, highway comr.

Tenn., Erin—Houston Co. plans improving 10 mi. Erin-Waverly Rd. Will probably be built with state aid funds under state highway supervision.

Tenn., McKenzie — Plans grading and paving 50 blocks various streets. $25,000. Long & Co., 528 Bennie Dillon Bldg., Nashville, engrs. Noted Oct. 7.

O., Dayton—Montgomery Co. plans hard-surfacing Xenia Fairfield Pike. $170,000.

Ill., Roodhouse—Making plans concrete paving various streets in business district Kinsey Eng. Co., Arcade Bldg., Pekin, engrs.

Wis., Beaver Dam—W. A. Gergen, city clk., takes bids in spring concrete paving, etc., 20,000 sq.yd. North Spring, Madison and York Sts. To exceed $25,000. A. Kraeft, City Hall, engr.

Wis., Sheboygan—Making plans curbing, guttering and concrete paving 112,625 sq.yd. 22 streets during 1927. $275,000. C. V. Boley, City Hall, engr.

Ia., Bedford—Taylor Co. election Nov. 23, $900,000 bonds improving primary roads.

Ia., Cedar Rapids — See "Contract Awarded."

Kan., Kansas City—Wyandotte Co. making plans bituminous macadam paving 3.239 mi. Olsen Rd., 18 ft. To exceed $25,000. O. K. Williamson, Kansas City, engr.

Missouri — State Hy. Comn., Jefferson City, making plans 30 ft. grading approximately 40 mi. roads in Atchison, Benton, Miller, Morgan and Nodaway Counties; and 18 ft. graveling approximately 48 mi. roads in Caldwell, Cass, Dent, Miller, Pulaski, Texas, Warren and Wright Counties. B. H. Piepmeier, ch. engr.

Mo., Liberty—Clay Co., election Nov. 2, $150,000 bonds, improving various roads and bridges.

Mo., Mexico—Making preliminary plans grading, curbing and 6 in. rein.-con. paving, etc., 13 blocks various streets.

Mo., Springfield—Soon takes bids concrete paving, etc. 4,580 sq.yd. Mt. Vernon St. S. R. Fisher, City Hall, engr.

Ark., Conway—Making preliminary plans grading, curbing, guttering and concrete paving 8,060 sq.yd. Fulkner St., Paving Dist. 11. $26,260. G. D. Douglass, 829 Home Insurance Bldg., Little Rock, engr.

Ark., Little Rock—Takes bids early in November, grading, curbing Warrenite bitulithic, sheet asphalt, concrete, rein.-con., vibrolithic concrete or asphaltic concrete paving 15 blocks Chester St., Paving Dist. 438. W. T. Field, 339 Gazette Bldg., engr. Noted Sept. 9.

Ark., Little Rock—Soon takes bids grading, curbing and Warrenite bitulithic on concrete paving 27,000 sq.yd. in Paving Dist. 349. $107,000. W. T. Field, 339 Gazette Bldg., engr.

Ark., Rogers—Making preliminary plans grading, curbing and hardsurfacing 34 blocks various streets in Paving Dist. 13, $75,000. W. L. Winters, Merchants Bank Bldg., Ft. Smith, engr.

Tex., Kingsville — Voted $180,000 bonds, permanent paving various streets. J. F. Goode, mayor. Noted Oct. 7.

Tex., La Feria — Election soon $35,000 bonds, permanent paving various streets. Address J. A. Raemond, La Feria, engr.

Oklahoma—State Hy. Dept., Oklahoma City, made surveys improving 8 mi. State Highway 1 through Muldrow, Sequoyah Co., 30 ft. $60,000 J. M. Page, highway engr.

Okla., Enid — Plans concrete repaving 14,300 sq.yd. Elm St. $46,320. F. C. Magruder, Enid, engr.

Okla., Weatherford—Plans grading and concrete paving 11,300 sq.yd. 3 streets in Dist. 5. $36,117. C. Wilson, Weatherford, engr.

Tex., Laredo—Webb Co. plans caliche surfacing 12.46 mi. Highway 12-A, 18 ft. $170,000. T. E. Huffman, Laredo, engr.

Tex., Panhandle — Carson Co. making plans grading, bridging, etc. 30.6 mi. Highway 75, $52,000; also 33.85 mi. Highway 33, $47,400, both 26 ft. L. Cox, Panhandle, co. engr.

Tex., Panhandle — Carson Co. making plans grading, bridging, etc., 20 mi. Highway 102, 26 ft. $58,800. L. O. Cox, Panhandle, co. engr.

Tex., San Angelo—Tom Green Co. making plans grading, bridging, etc. 14.7 mi. Highway 70, $65,000; also 5.41 mi. Highway 99, $58,700, both 26 ft. T. J. Kelly, San Angelo, co. engr.

Tex., San Angelo—Tom Green Co. plans grading and bridging 9½ mi. Highway 9 from Carsbad to Coke Co. line, $72,600; bituminous macadam paving same road from point 8 mi. southeast of here to Concho Co. line $358,000, and 14.53 mi. Highway 30 from here to Runnels Co. line $277,000. T. J. Kelly, San Angelo, engr.

Tex., San Antonio — Election Nov. 15, $300,000 bonds, permanent paving various streets. I. Ewig, city engr.

Tex., Wichita Falls — Voted $150,000 bonds, permanent paving various streets. F. M. Rugely, city engr.

Calif., Beverly Hills—Made plans curbing, sidewalks, and 5 in. Warrenite paving 300,000 sq.ft. portion LaCienega Blvd.

Calif., Los Angeles — Plans grading, curbing, guttering, sidewalks and sheet asphalt and asphaltic concrete paving Cove Ave., Hyde Park Blvd., Garnet, Inez and Isabel Sts. To exceed $25 000. J. C. Shaw, City Hall, engr.

Calif., Santa Rosa—Sonoma Co. plans concrete paving about 5 mi. Guerneville Highway, 18 ft. to exceed $100,000. J. B. Piatt, Rosenberg Bldg., engr.

Ont., Toronto—Plans opening and grading lane between Ossington and Concord Aves., and lane west of Lansdown Ave. $26,750. R. C. Harris, City Hall, engr.

Bids Desired

Mass., Boston — Oct. 22, by Dept. Pub. Wks., concrete paving Floyd and Norwell Sts. $25,000. J. H. Sullivan, comr.

Connecticut—Oct. 22, by J. A. Macdonald, state highway comr., Hartford, rein.-con. paving roads in Enfield, Westport, Branford-East Haven, Middletown-Haddam, Trumbull-Monroe and Meriden-Middletown; waterbound macadam paving in Woodstock, Bolton, Scotland-Canterbury and Marlboro-Hebron; bituminous macadam paving in Somers and bridge in Woodstock.

N. Y., Brooklyn—Oct. 27, by J. J. Byrne, pres. Brooklyn Boro, Boro Hall, grading, curbing, guttering and flagging Lefferts and 20th Aves., East 96th, 63rd and 65th Sts.; grading, curbing, guttering and sheet asphalt paving Linden Blvd., Dahlgren and Kenmore Pls., Colonial, New Utrecht and Quentin Rds., Avenues R and S, Dumont, East New York and Schenck Aves., Amboy, East 12th, East 13th, East 28th Sts., etc.

N. Y., Long Island City—Oct. 26, by J. A. Lynch, pres. Richmond Boro, Boro Hall, grading, etc. Gosman Ave., 33rd (Rawson) and 100th (43rd) Sts.; also grading, curbing, sidewalks, sheet asphalt on concrete paving Junction Blvd. and 40th (Coe Pl.) Rd.

N. Y., New York—Oct. 28, by Bd. Estimate & Apportionment, City Hall, improving streets in vicinity new court house, excluding curbing and sidewalks.

New Jersey—Nov. 8, by State Hy. Comn., Trenton, 10 in. rein.-con. paving 78,646 sq.yd. extension Routes 2, 3 and 6 on Delaware River Bridge Approaches, Connecting Rd. Sects. 1a and 2a, Camden Co. A. L. Grover, secy.; adv. E. N.-R. Oct. 21.

N. J., North Beach Haven (mail Beach Haven)—Oct. 23, by Long Beach Twp. Com., grading, etc. 3,562 cu.yd. 30th and 22nd Sts., Sherman & Sleeper, 501 Cooper St., Camden, engrs.

Pennsylvania — Nov. 5, by State Hy. Dept., Harrisburg, rein.-con. paving, etc., 16 mi. 7 projects in Allegheny, Butler, Fayette, Greene, Huntingdon, Lehigh and York Counties; adv. E. N.-R. Oct. 21.

Md., Baltimore—Oct. 27, by Bd. Awards, grading, curbing, and sheet asphalt pav-

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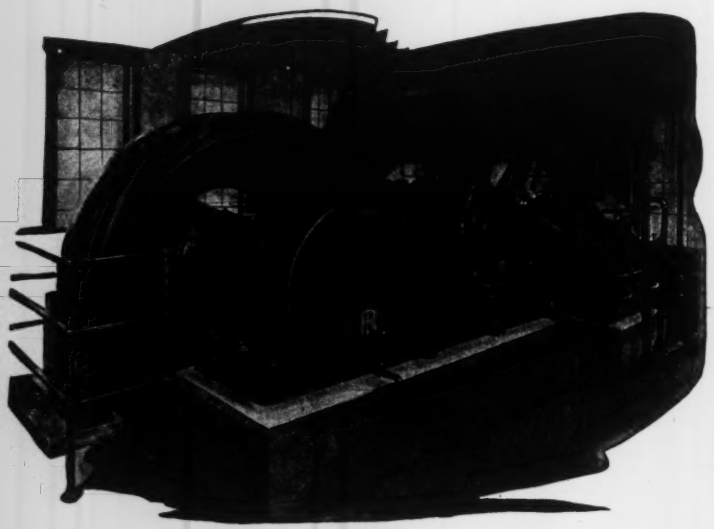

An I-R Air Compressor in a large Vermont Quarry

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Streets and Roads (Continued)

ing 11,050 sq.yd. streets listed in Contr. 374. S. Purcell, City Hall, highways engr.

West Virginia—Nov. 4, by State Road Comn., Charleston, improving roads and building bridges in Boone, Fayette, Mason, Wyoming, Braxton and Marion Counties; Nov. 8, grading, etc. Hancock Co., Nov. 9, in Braxton Co. and Nov. 11, Nicholas Co. E. B. Carskadon, secy.; adv. E. N.-R. Oct. 21.

Ga., Rome—Taking bids and opens same about Nov. 2, paving various streets. $60,000.

Florida—Nov. 3, by State Road Dept., Tallahassee, **(F. A. P. means Federal Aid Project and P means Project)**, clearing, grubbing, grading, etc. 1.87 mi. F. A. 53-C, Road 2 Lake Co., 11.58 mi. P. 677-B, Road 13 Levy Co., 5.52 mi. P. 691, Road 4 Indian River Co., and 7.38 mi. P. 692, Road 4, St. Lucie Co.; 8 in. Florida lime rock paving 9.96 mi. P. 676-A, Road 19, and 14.39 mi. P. 676-B, Road 19, both Levy Co.; also 247 ft., on overhead crossing. Project 682, Road 5, Citrus Co. J. L. Cresap, highway engr.

Fla., De Land—Nov. 4, by Bd. Comrs. Volusia Co. at office S. D. Jordon, clk., widening Orange and Magnolia Sts. in New Smyrna, and resurfacing New Smyrna-De Land Osteen Highway in Turnbull Special Road and Bridge Dist., Project 1, 28,000 lin.ft. concrete curbing and guttering, 22,000 sq.yd. concrete or bituminous paving, etc., Project 2, 145,464 sq.yd. asphalt surface treatment, slag cover; also grading, concrete, brick, or bituminous paving 129,000 sq.yd. North End Rd. N. A. Hotard, New Smyrna, engr.

Alabama—Nov. 1, by State Hy. Comn., Montgomery, grading, etc., 5.3 mi. Mobile Bay Bridge-Bay Minette Rd., 18 ft., Baldwin Co., $26,000; concrete asphalt surfacing 1 mi. approaches to Chattanooga River Bridge, 30 ft., Barbour Co., $25,000; also sand clay surfacing 12 mi. Elba-Opp Rd. $35,000, and 9 mi. Enterprise-Ozark Rd., $30,000, both 18 ft., Baldwin Co. W. A. McCalla, highway comr.

Louisiana—Oct. 26, by State Hy. Dept., Reymond Bldg., Baton Rouge, warrenite bitulithic limestone rock asphalt, bituminous concrete, sheet asphalt or concrete paving 6 mi. Federal Aid Project 174-A, Bossier City-Coushatta Highway, Bossier Parish. W. B. Robert, highway engr.

Kentucky—Nov. 19, by State Hy. Dept., Frankfort, grading, etc. 3.6 mi. Wickliffe-Bardwell Rd. and 9.8 mi. Wickliffe-Paducah Rd., both Ballard Co., 10.1 mi. McKee-Manchester Rd., Clay and Jackson Counties; 6.3 mi. Russell Springs-Liberty Rd., Casey and Russell Counties; 11.8 mi. Leitchfield-Caneyville Rd., Grayson Co.; 4.9 mi. Greensburg-Columbia Rd., Green Co.; 6 mi. Hazard-Whitesburg Rd., Knott Co.; 8.3 mi. Louisa-Sandy Hook Rd., Lawrence Co.; 4.5 mi. Calhoun-Beech Grove Rd., McLean Co., and 9.5 mi. Campton-West Liberty Rd., Morgan Co. Above jobs governed by 1926 edition of Standard Specifications just off press and which will be sent to contractors. E. N. Todd, highway engr. Noted Oct. 14.

O., Cincinnati—Oct. 29, by Comrs. Hamilton Co., tar bound macadam repaving 27,600 sq.yd. South Rd. $66,308. E. A. Gast, Court House, engr.

O., Cleveland—Oct. 23, by Bd. Comrs. Cuyahoga Co., resurfacing north side North Woodland Rd. To exceed $25,000. F. Lander, Court House, engr.

O., Cleveland—Oct. 27, by City, paving Parklawn Dr., Southview Ave. and Triskett Rd. To exceed $25,000. R. Hoffman, City Hall, engr.

Kan., Osborne—Oct. 28, by Clerk Osborne Co., gravel surfacing, etc., 1.963 mi. Federal Aid Project 340-B and C; also three 9 ft. span box and two 20 ft. span slab bridges.

Ind., Brownstown—Nov. 1, by Comrs. Jackson Co., constructing Gustav Schuesemeier et al Rd. $35,891. S. Carr, aud.

Ind., Indianapolis—Oct. 27, by Bd. Pub. Wks., grading and asphalt, asphaltic concrete, concrete or brick on 6 in. concrete paving 6 alleys, Hampton Dr., North and 52nd Sts.

Ill., Chicago—Oct. 25, by City, at office Board Local Impvts., Room 207, City Hall, grading, curbing, guttering and 8 in., 10 in. and 6 in. concrete, asphalt on 6 in. concrete, standard asphalt wearing surface, etc., portions 27 various streets and avenues. J. J. Sloan, pres.

Ill., Flossmoor — Oct. 27, by Bd. Local Impvts., concrete sidewalks on Douglass and Leavitt Aves., etc. McCoy & Mulford, Chicago Rd., Chicago Heights, engrs.

Ill., Galesburg — Oct. 26, by Bd. Local Impvts., grading, curbing, guttering and vertical fibre brick on 4 in. concrete paving 3,794 sq.yd. North Farnham St. A. L. Richey, City Hall, engr.

Wisconsin—Oct. 26, by State Hy. Comn., Div. Office 6, 213 South Barstow St., Eau Claire, grading and surfacing 5.95 mi. Maiden Rock-Stockholm Rd. and construction Rattle Snake, Pine Creek, Skunk Hollow and Mattson Bridges, Pierce and Pepin Counties; also gravel surfacing and constructing overhead bridge on 1.23 mi. Augusta-Fairchild Rd., Eau Claire Co. J. T. Donaghey, Madison, ch. engr.

Ia., Decorah—Oct. 27, at office Auditor Winneshiek Co., graveling 33 mi. Primary Road 11, Federal Aid Projects 98, 177 and 284.

Kan., Emporia—Nov. 12, by Clerk Lyons Co., grading, curbing, and concrete, brick or gravel surfacing, 64,958 sq.yd. Federal Aid Project 260-A, C and D. W. S. Ruggles, Emporia, engr. Noted Sept. 23.

Kan., Jetmore—Nov. 5 (extended date), by Clerk Hodgeman Co., grading, etc. 5.816 mi. Federal Aid Project 359-A, 28 ft. Noted Oct. 14.

Kan., Mound City — Oct. 29, by Clerk Linn Co., concrete paving 0.573 mi. Federal Aid Project 109-H. C. E. Kenney, Mound City, co. engr.

Kan., Newton—Nov. 4, by Clerk Harvey Co., grading, etc., 61,737 cu.yd. Federal Aid Project 329-C. A. Hay, Newton, engr. Noted Oct. 24.

Kan., Ottawa—Nov. 3 by Clerk Franklin Co., grading, curbing, guttering and concrete paving 16,461 sq.yd. Federal Aid Project 273-B. E. C. L. Wagner, 608 Kemper Bldg., Kansas City, Mo., engr. Noted Oct. 14.

Kan., Topeka—Oct. 26, by Clerk Shawnee Co., concrete surfacing 0.544 mi. Federal Aid Project 355-B. C. H. Wasson, Topeka, co. engr.

Arkansas—Oct. 29, by State Hy. Dept., Little Rock, improving 6.6 mi. McGehee-Watson Rd., Desha Co., 23.12 acres clearing and grubbing, 53,144 cu.yd. excav., 15,942 cu.yd. gravel, 26,238 ft. untreated timber, etc. R. C. Limerick, highway engr.

Arkansas—Nov. 16, by State Hy. Dept., Little Rock, clearing, grubbing and earth embankment of Arkansas approach to Harahan Viaduct, Arkansas-Tennessee Federal Aid Project 300-A, Unit 1, Crittenden Co. H. R. Wilson, chn. adv. E. N.-R. Oct. 21.

Tex., Brenham—Oct. 26, by State Hy. Comn., Austin, rein.-con. paving 191,327 sq.yd. Highway 36, Federal Aid Project 358. $511,000. G. A. Bracher, Brenham, co. engr. Noted Sept. 30.

Tex., Mission—Oct. 28, by City, curbing, guttering and Uvalde rock asphalt paving 47,140 sq.yd. various streets. Ewing & Congdon, city engrs.

Tex., Waxahachie—Ellis Co. taking bids 1½ in. rock asphalt on concrete paving 1.05 mi. Highway 14 from 8th St. in Ferris to Dallas Co. line. $36,000. W. A. Spalding, Waxahachie, engr.

Okla., Shidler—Oct. 26, by J. C. Ifland, city clk., grading, curbing and concrete paving 9,650 sq.yd. South Cosden Ave. $34,996. Long & Co., Colcord Bldg., Oklahoma City, engrs.

Bids Received

N. Y., Long Island City—M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., sewers in (1) Hayes Ave. (2) 40th St. (3) Butler St. (4) Curtis St. (5) DeKalb Ave. (6) Brinkerhoff Ave. (7) Brinkerhoff Ave. (8) 31st and 32nd Sts., from Muccinni & Decker, 6102 18th Ave., Brooklyn, (1a) $321,409 (6a) $77,450, (7a) $200,585 (7b) $170,975; from A. Paino, Corona (1b) $262,723; from J. Gallo, 203 Division St., Brooklyn (2a) $22,342 and (2b) $19,696; from Peace Bros., Inc., 57 North Lawrence St., Flushing (3) $2,260; from P. J. Greenough Co., 9301 86th Rd., Woodhaven (4) $2,162 and (5a) $1,379; and from D. A. Gross, 8515 Fulton St., Woodhaven (8) $1,636. Noted Oct. 14.

New Jersey—State Hy. Comn., Trenton, Oct. 11, grading and graveling 12,439 sq.yd. Route 14, Sects. 12 and 13, Corbin City Cutoff and Estellville Widening, Atlantic and Cape May Counties, from S. S. Corson, Marmora, $56,706. Noted Sept. 23.

N. J., Newark—North Jersey Dist. Water Supply Comn., 24 Commerce St., Oct. 14, clearing and grubbing 1,800 acres at Wanaque Reservoir, from S. J. Groves & Sons Co., 114 Marlton Ave., Camden, $206,850. Engrs. est. $200,000. Noted Sept. 30.

N. J., Newark—T. L. Raymond, dir. Dept. Pub. Affairs, City Hall, Sept. 29, paving 5 streets, from J. B. Gilligan Casey Co., 972 Broad St., $80,509. Noted Sept. 23.

Md., Baltimore—Bd. Awards, Oct. 6, grading, curbing, and sheet asphalt paving 12,000 sq.yd. streets listed in Contr. 366, from Baltimore Asphalt Block & Tile Co., 1320 North Monroe St., $39,382; and concrete paving 22,750 sq.yd. Contr. 370, from P. Reddington & Son, 2 East Lexington St., $55,251. Noted Sept. 30.

Md., Baltimore — Bd. Awards, Oct. 13, grading, curbing, and concrete paving 39,350 sq.yd. streets listed in Contr. 372, from Aiello Constr. Co., 4th and Gough Sts., $92,277; and sheet asphalt paving 114,220 sq.yd. Contr. 371, from Amer. Paving Co., Montebello Ave., $52,403. Noted Oct. 7.

O., Cincinnati — Comrs. Rapid Transit Dept., grading, bridging, sewers and subway and Durax paving 1,800 sq.yd. Central Parkway, from Hickey Bros., 4200 Spring Grove Ave., $805,649. Engrs. est. $1,011,025. Noted Sept. 30.

Michigan—R. A. Beers, resident engr., Kalamazoo, Oct. 7, concrete paving 5.743 mi. F. A. 139, Sect. B, 20 ft., Berrien Co., from Whitlou & Hobeck, South Haven, for State Hy. Dept., Lansing. $231,093.

Michigan—H. C. Fleming, resident engr., Grand Rapids, Oct. 6, concrete paving 0.7 mi. F. A. 155, Sect. A, 20 ft., Ottawa Co., from Cline & Boelens, Spring Lake, for State Hy. Dept., Lansing. $38,148. Noted Sept. 23.

Michigan—A. M. Hopperstead, resident engr. Crystal Falls, Oct. 7, graveling 3.519 mi. T. L. 45-1 A, 18 ft., Dickinson Co., from Benzie & Son, Norway, for State Hy. Dept., Lansing, $66,774. Noted Sept. 30.

Michigan—H. G. Oakes, resident engr., Cadillac, concrete paving 1.437 mi. T. L. Sect. B, 20 ft., Charlevoix Co., from Rogers Constr. Co., Beulah, for State Hy. Dept., Lansing. $43,044.

Michigan—A. R. Schaefer, resident engr., Newberry, Oct. 6, graveling 3.225 mi. F. A. 143, Sect. A, 18 ft., Mackinac Co., from A. McDonell, Omer, for State Hy. Dept., Lansing. $66,992. Noted Sept. 23.

Michigan — C. Vinton, resident engr., Jackson, concrete paving 1.21 mi. T. L. 39-13, 30 ft., Ingham Co., from A. M. Bartling Co., Alma, for State Hy. Dept., Lansing. $58,782.

Tex., Galveston — For 7 in. monolithic paving 20 blocks north side Bway. from 39th to 59th Sts., 40 ft., from Moller & Roberts, Hitchcock, $91,066.

Calif., Antioch — J. C. McElheney, city clk., 5 in. concrete paving, etc., 130,063 sq.ft. various streets, from C. W. Cushing, 2005 Roosevelt Ave., Richmond, at $0.187 per sq.ft., total $63,112. Noted Oct. 7.

Calif., La Mesa—Grading, concrete paving and ornamental lighting system, etc., on Lookout Ave., etc., from T. Maddock, 306 East McDowell Rd., Phoenix, Ariz., $188,265. Noted Oct. 7.

Calif., Pacific Grove—Concrete curbing and asphalt paving 172,500 sq.ft. Ocean View Ave., from Clark & Henery Co., Chancery Bldg., San Francisco, at $0.199 per sq.ft., total approximately $37,500.

Calif., Red Bluff — For 5 in. concrete paving, etc., Washington, Pine and Main Sts., from Conners & Hansen, Rosenberg Bldg., Santa Rosa, $26,828. Noted July 22.

Calif., San Fernando—Grading, sidewalks, street lighting system and concrete paving, 271,600 sq.ft. Celis St., etc., from Gibbons & Reed Co., 2022 Glendale Blvd., Los Angeles, approximately $77,245. Noted Sept. 30.

Calif., Santa Barbara—Concrete paving, etc., portion Chapala St., from C. T. Richardson, 525 East Holey St., $42,008.

Calif., Yreka — Curbing, 5 in. concrete paving, etc., Yama St., from A. B. Rilovich, Call Bldg., San Francisco, $25,136. Noted Jan. 7.

Contracts Awarded

Conn., Hamden (br. New Haven)—Bd. Selectmen, asphalt on 6 in. stone paving 14,000 sq.yd. Putnam Ave., to Conn. Natl. Paving Co., Inc., 69 Middletown Ave., New Haven, $35,650. Noted Oct. 7.

New York—A. W. Brandt, comr. Highways, Albany, reconstructing 4.2 mi. Repair Contr. 3155, Highway 5156-5387, Peeskill-Fishkill, Parts 2 and 3, Putnam Co., to L. C. Carchia, Kinderhook, $326,964. Engrs. est. $432,596. Noted Sept. 23.

N. Y., Albany—Bd. Contr. & Supply, improving North Pearl St., Hanson and Woodlawn Aves., to H. Dumary, 119 State St., $86,034 and $45,831 respectively, Marion Ave., to E. B. Stevenson, 443 Bway., $71,842; grading Mayor Hackett Park and portion grounds at P. S. 20, to E. J. Carey, 76 Walters St., $2,960; altering drainage system in Northern Blvd., to C. A. McManus, 3 1st Ave., $1,953; also sewers and appurtenances in east side Southern Blvd., to S. B. Easton, 47 Fairlawn Ave., $5,964; and in Kenosha St., to J. J. Bellote Constr. Co., 2241 15th St., Troy, $2,286. Grand total $216,511. Noted Oct. 14.

N. Y., Brooklyn—J. J. Byrne, boro. pres., Boro Hall, grading and sheet asphalt

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Streets and Roads (Continued)

paving Surf Ave., to Cranford Co., 52 9th St., $187,324; grading, flagging, etc. East 5th St., to G. M. Mandato, 129 29th St. $2,366, and 72nd St., to Grimm Contg. Co., 170 McKinley St. $4,227; also sidewalks on 24th Ave., to M. A. Zappone, 113 32nd St., $387. Grand total $194,304. Noted Oct. 7.

N. Y., New York — H. Bruckner, pres. Bronx Boro, Crotona Park, 3rd and Tremont Aves., to St. George Paving Corp., 90 West St., granite block on concrete paving East 140th St., $44,971; to Brusstar Constr. Co., 167th St. and Harlem River, and asphalt paving Liebing St. $19,939, to Interboro Asphalt Co., 2306 Creston Ave., East 213th St. $20,988, Holland Ave. $35,-968, and Mosholu Parkway $30,895, also to C. D. Beckwith, Inc., 2875 Bway., Lebanon St. $17,869, and Weeks Ave. $23,-859. Grand total $194,489. Noted Oct. 14.

N. Y., St. George—J. A. Lynch, pres. Richmond Boro, Boro Hall, bituminous concrete repaving Forest Ave., to J. E. Donovan Paving Co., 2205 Richmond Terrace, Port Richmond, $46,055; bituminous macadam paving Stephens and Union Places, to Vanbro Constr. Co., 24 Elizabeth St., West New Brighton, $7,698; concrete curbing and steel guard, etc. on Clinton Ave., to F. J. Zarelli, Inc., 465 Cary Ave., Concord, $4,387. Grand total $58,140. Noted Oct. 14.

New Jersey—State Hy. Comn., Trenton, grading, graveling 48,012 sq.yd. extension State Highway Routes 2, 3 and 6, to Delaware River Bridge, known as Entrance Rd., Sects. 1A, 2A, 3A, and Connecting Rd. 3A and 4A, Camden Co., to Union Paving Co., 123 South 21st St., Phila., Pa., $248,423. Noted Oct. 14.

N. J., Belvidere — Warren Co., paving Phillipsburg Belvidere Rd., to M. Staub, Pitman, $53,421.

N. J., Camden — Paving 13 streets, to Union Paving Co., 123 South 21st St., Phila., Pa., $59,538.

N. J., Guttenberg (br. Weehawken) — Concrete paving Adams, Jackson, Polk and Madison Sts., Palisade, Hudson and Bellevue Aves., to Curtin Bros., 45 Madison St., $96,625.

N. J., Ocean City—Sheet asphalt paving 97,000 sq.yds. various streets, to E. Riley Mixner Co., Goshen, $307,649. Noted Sept. 9.

N. J., Rutherford—Boro Council, concrete paving 1 mi. Ridge Rd., to Franklin Constr. Co., Garfield, $52,345. Noted Oct. 7.

Pennsylvania—State Hy. Dept., Harrisburg, grading, etc., 624,086 cu.yd. Route 105, Sects. 3 and 4, Clinton Co., to W. C. Horn Co., Athens. $647,118; and rein.-con. paving, etc., 20,397 sq.yd. Route 276, Application 3942, Sect. 7, Cambria Co., to B. F. McKillip, Hollidaysburg, $103,157. Noted Sept. 16.

Pa., Phila.—Dept. City Transit, H. E. Ehlers, dir., repaving 3,330 ft. Broad St. Subway, Contr. 163, to Union Paving Co., 123 South 12th St. $114,345. Noted Oct. 14.

Pa., Phila.—Dept. Pub. Wks., Bureau of Highways, to Eastern Asphalt Co., Penna Bldg., asphalt repaving Front and Erie Sts. (portion of intersection), $10,095; to Union Paving Co., 123 South 21st St., Vine St. $11,675, York Rd. (incl. track area) $38,167, redressed granite block repaving Dauphin St. $25,037, Glenwood St. (track area) $3,024, 20th St. $10,187, improving Barclow and Philmont (country) Rds. $25,768, Forrest and Williams Rds. $13,455, and furnishing sand for asphalt mixtures $3,125; to Barber Asphalt Co., 239 North 30th St., asphalt repaving 33rd St. $105,943, and improving Arthur Rd. $8,254, to Wilson-Martin, Inc., 1501 North 2nd St., Bingham, Oakley, St. Vincent, Tabor and Walter Rds. $24,487, E, F, and Stanwood Rds. $11,432, Knorr, Oakley and Tyson Rds. $16,-653, and Rowland Rd. $26,680, to M. Leewright, 424 Seville St., Fowler Rd. $2,108, and Roxborough Rd. $4,037, to F. Mark Contg. Co., North Winghocking St., Hellerman and Vankirk Rds. $4,615, to J. Devlin, Jr., Hancock and Thompson Sts., Stanwood St. $2,802; to J. Zecca & Co., 6141 Vine St., paving and repaving certain alleys in Highway Dist. 2 $7,180, and to L. Bakser, 1518 North 8th St., alleys in Highway Dist. 3 $4,094. Grand total $358,818. Noted Oct. 14.

Md., Baltimore—Bd. Awards, grading, curbing and concrete paving 25,300 sq.yd. streets listed in Contr. 369, to Ward & O'Connell, 3114 Presbury St., $60,162; sheet asphalt paving 7,500 sq.yd. Contr. 368, to Baltimore Asphalt Block & Tile Co., 1320 North Monroe St., $29,342; also grading and concrete paving alleys in Contr. 122, to Arundel Contg. Co., Knickerbocker Bldg., $21,200. Grand total $110,704. Noted Oct. 7.

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Md., Baltimore — Bd. Awards, grading, curbing and sheet asphalt paving 12,000 sq. yd. streets listed in Contr. 366, to Baltimore Asphalt Block & Tile Co., 1320 North Monroe St., $39,382; and concrete paving 22,750 sq.yd. Contr. 370, to P. Reddington & Son, 2 East Lexington St., $55,251. Noted Oct. 21.

W. Va., Williamson—Concrete paving 1 mi. West 4th Ave., 20 ft., to Ballard & Lipscomb, Bluefield, $51,351.

North Carolina — State Hy. Comn., Raleigh, grading, and concrete paving, etc., 3.99 mi. Project 887, Rutherford Co., to Wilson Constr. Co., Rutherfordton $128,532, 14.92 mi. Project 6691, Rowan Co., and 13.36 mi. Project 6850, Stanly Co., to Roberts Paving Co., Salisbury, Md. $346,-122 and $311,932 respectively, and 5.14 mi. Project 242, Johnson Co., to Highway Eng. & Constr. Co., Selbyville, Del. $140,880; clearing, grubbing, grading, etc. 9.36 mi. Project 399, Robeson Co., to Turner Constr. Co., Florence, S. C. $44,549; grading and sand asphalt paving, etc. 6.96 mi. Project 6641, Richmond Co., to Blythe Bros. Co., Brevard Court, Charlotte $122,067. Grand total $1,094,082. Noted Sept. 23.

Fla., Vero Beach—Office of Carter & Damerow, engrs., grading and bridging Sects. 1 and 2, Vero Beach-Tampa Cross State Highway, to T. T. Sweet Dredging Co., 302 Southwest North River Shore Dr., Miami, and C. F. Walker, Okeechobee, $283,000. Noted July 17.

La., West Monroe — Grading, curbing, guttering, sewers and sheet asphalt paving 9,500 sq.yd. various streets, to J. J. Hamiter, Monroe, engrs. est. $39,000. Rejected bids approximately 5 mi. sidewalks on various streets. Will readvertise.

Tenn., Etowah—Concrete paving various streets, to T. Jones Constr. Co., Athens, approximately $27,500.

O., Youngstown—Mahoning Co., macadam resurfacing 2 mi. Four Mile Run Rd., 16 ft., to Dennison & Sturgis, Youngstown, $26,654. Engrs. est. $28,000.

Ind., Anderson—Madison Co., concrete paving Cook and Klump Rds. in Elwood, to W. C. Halstead, 1041 West 25th St., Indianapolis, $90,480; and Otto Bolds Rd., to Lyst & McCough, Anderson, $9,900. Noted Sept. 23.

Ind., East Chicago—Constructing Michigan Ave., to H. P. Downey, Jr., Hammond, $42,666; and Railroad Ave., to Pub. Constr. Co., East Chicago, $20,172.

Ind., Ft. Wayne—Allen Co., constructing Felger Rd., to D. Ellison, Monroeville, $32,-473. Engrs. est. $33,973.

Ind., Indianapolis—Comrs. Marion Co., concrete paving 0.8077 mi. 42nd St., to Cunningham Constr. Co., Martinsville, $26,-870. Engrs. est. $31,558. Noted Oct. 7.

Ind., Newcastle — Henry Co., concrete paving 2 mi. Urseheart Rd., 20 ft., to W. M. Torrence, Muncie, $40,850.

Ill., Niles Center — Concrete paving Lamon Ave., to Arcole Constr. Co., Evanston, $154,877.

Ind., South Bend—Bd. Wks., constructing 4 streets, to Williston Constr. Co., 603 Citizens Bank Bldg., $36,745; also widening and sheet asphalt paving Division St., to Albert Constr. Co., South Bend, $80,639.

Michigan—State Hy. Dept., at office City Clerk, Petoskey, concrete paving 0.9 mi. T. L. 11-87, 20 ft., Emmet Co., to A. E. Green, South Haven, for State Hy. Dept., Lansing. $27,488. Noted Sept. 23.

Michigan—R. A. Beers, resident engr., Kalamazoo, concrete paving 9.165 mi. F. A. 236 Sect. A, 20 ft., to Lewis & Fusinger Co., Ann Arbor, $308,278; and 5.903 mi. F. A. 139, Sect. A, 20 ft., to Kalamazoo Constr. Co., 115 Pratt Bldg., Kalamazoo, $231,484, both Berrien Co., for State Hy. Dept., Lansing. Noted Sept. 23.

Michigan—E. R. Benkert, resident engr., Port Huron, concrete paving 3.957 mi., T. L. 81-8, 18 and 20 ft., Tuscola Co., to J. A. Campbell, Bay City, for State Hy. Dept., Lansing. $119,845. Noted Oct. 7.

Michigan—H. C. Fleming, resident engr., Grand Rapids, paving 3.057 mi. T. L. 99-2, 12 ft., Muskegon Co., to W. M. Dougherty, North Muskegon, for State Hy. Dept., Lansing. $43,504. Noted Oct. 7.

Michigan—A. M. Hopperstead, resident engr., Crystal Falls, regraveling 8.6 mi. T. L. 35-7, 16 ft., Marquette Co., to Marquette Co. Road Comn., Ishpeming, for State Hy. Dept., Lansing. $40,000. Noted Sept. 23.

Michigan—H. G. Oakes, resident engr., Cadillac, concrete paving 8.08 mi. F. A. 129, Sect. D, 20 ft., Grand Traverse Co., to L. I. Goldberg, Newaygo, for State Hy. Dept., Lansing. $228,672.

Iowa—State Hy. Dept., Ames, graveling 11.3 mi. Primary Road 11, south of Independence, and 5 mi. Primary Road 5, in Grundy Co., to M. O. Weaver, Iowa Falls, $20,520, 8.907 mi. Primary Road 4[illegible] to Smalley Constr., Charles City, $[illegible]05, and 5 mi. Primary Road 7, west of Guthrie, to N. E. Hendricks, Scranton, $8,496; guard rail, etc., in Warren and Monona Counties, to G. Cronkhite Constr. Co., Perry, $1,956. Grand total $37,577. Noted Sept. 30.

Ia., Cedar Rapids—Grading, curbing, concrete paving, etc. 3,800 sq.yd. various streets, to P. P. Smith, Cedar Rapids, $14,-442; paving various alleys, to Hahn Constr. Co., 1109 12th Ave., $6,999; sewer and water connections, to Sanitary Constr. & Supply Co., 1116 2nd Ave. W., $306. Grand total $21,747. Also rejected bids paving, etc. 1,423 sq.yd. 1st Ave. Noted Sept. 30.

Ia., Cedar Rapids—Linn Co. grading, etc. 94,096 cu.yd. roads, to J. H. Miller & Son, Kellogg, $26,022.

Ia., Des Moines—Concrete paving 3,532 sq.yd. Thornton St., to Wright Constr. Co., 1325 Main St., at $2.28 per sq.yd., 4,566 sq. yd. Adams St., and 3,471 sq.yd. 40th St., to Des Moines Asphalt Paving Co., 2nd and New York Sts., $2.28; and 564 sq.yd. alley between 10th and 11th Sts., to Bemis-Schlick, 503 Hippee Bldg., $2.55. Noted Sept. 16.

Minnesota—State Hy. Dept., St. Paul, **(S. P. means State Project and F. A. P. means Federal Aid Project)**, to Hanlon & Okes, 1501 Merchants Natl. Bank Bldg., St. Paul, concrete paving, etc., 145,700 sq.yd. S. P. 1-43, Divs. H and C, F. A. P. 2 $244,-322, to A. J. Johnson, 747 Plymouth Bldg., Minneapolis, 211,000 sq.yd. S. P. 2-24, Divs. A, B and C, F. A. P. 129 $318,851, to Nolan Bros., 18 North 2nd St., Minneapolis, 153,-500 sq.yd. S. P. 3-34, F. A. P. 303 $217,899, and 11,630 sq.yd. S. P. 3-34, F. A. P. 147 $23,782, and to Western Asphalt Paving Corp., 1st and Nebraska Sts., Sioux City, Ia., 59,616 sq.yd. S. P. 3-45, Sect. 2, F. A. P. 25 $109,092; to Kremer & Hog, 5025 Harriet Ave., Minneapolis, grading, etc. 277,000 cu.yd. S. P. 2-34, F. A. P. 286 $139,802, to I. A. Cox, 620 South Prairie Ave., Sioux Falls, S. D., 124,000 cu.yd. S. P. 3-29, Sect. 2, F. A. P. 394 $31,259, and 79,000 cu.yd. S. P. 3-52, F. A. P. 394 $26,-502, to Nelson, Muller & Nelson, 355 Temple Court Bldg., Minneapolis, 187,000 cu.yd. S. P. 3-48, Sect. 2, Divs. A and B, F. A. P. 377 $182,726, 245,000 cu.yd. S. P. 4-24, Sect. 2, F. A. P. 395 $112,652, and 80,000 cu.yd. S. P. 50-24, F. A. P. 396 $30,777, to Griffis Bros., 99 East 54th St., Minneapolis, 105,-000 cu.yd. S. P. 5-30, Sect. 3, F. A. P. 345 $29,828, and 179,000 cu.yd. S. P. 5-32, Sect. 2, F. A. P. 397 $61,676, to R P. England, Mitchell, S. D., 168,000 cu.yd. S. P. 7-40, Sect. 1, F. A. P. 365 $42,509, and 123,000 cu.yd. S. P. 14-24, Sect. 2, F. A. P. 355 $33,720, to A. Peterson, Little Falls, 140,-000 cu.yd. Sect. 3 same road $36,142, to McLaughlin & Lang, 1645 Hennepin Ave., Minneapolis, 135,000 cu.yd. S. P. 40-21, Sect. 2, F. A. P. 384, $38,911, and to R. Whitenas, Bovey, 94,000 cu.yd. S. P. 61-22 $80,558; also to E. Zontelli, Ray, N. D., graveling, etc., 20,800 cu.yd. S. P. 11-28, Div. A $25,959. Grand total $1,786,967. Noted Sept. 23.

Minn., St. Paul—Oil asphalt paving, etc., 23,040 sq.yd. Western Ave., to Feyen Constr. Co., 277 Burgess St., $104,600. Noted Oct. 7.

Kan., Atchison—Atchison Co., grading, etc. 6.104 mi. Federal Aid Project 350-A, to H. C. Botsford, Lawrence, $33,961; concrete surfacing 0.513 mi. Sect. B same road, to M. W. Watson, 2312 Miller St., Topeka, $33,103; bridges on Sect. A, to Pioneer Constr. Co., 270 Glover Bldg., Kansas City, Mo., $21,937. Grand total $89,001. Noted Sept. 9.

Kan., Cimarron—Gray Co., grading, etc., 6.966 mi. Federal Aid Project 56-C, to Shuss & Henderson, Larned, $29,789. Noted Sept. 23.

Kan., Clay Center — Clay Co., grading, etc., 6.996 mi. Federal Aid Project 284-B, to Campbell & Lachenmaier, Miltonvale, $45,417; 2 bridges on same road, to W. B. Honska Constr. Co., Concordia, $9,503. Noted Sept. 16.

Kan., Galena—For 6 in. concrete paving 13,000 sq.yd. various streets, to Du Bois & Co., Pittsburgh, $26,210. Noted Oct. 7.

Kan., Junction City—Geary Co., grading, etc., 2.147 mi. Federal Aid Project 363-A, to Yancey Constr. Co., Abilene, $20,522; three 30 ft. span deck girder bridge on same road, to Zeigler Bros., Junction City, $7,958.

Kan., Lawrence—Douglas Co., concrete surfacing 4.997 mi. Federal Aid Project 229-D, to List & Weatherly, Southeast 17th and Richmond Sts., Kansas City, Mo., $130,-795. Noted Sept. 2.

Mo., St. Joseph—Grading, etc. 66,250 cu.yd. Sects. A and B Hyde Park North Blvd., to M. Haase, 2823 Sacramento St., $63,597; also constructing rein.-con. and

Streets and Roads (Continued)

timber bridge at 18th St. between Holes and Boyd Sts., to O. H. Schmidt, 3102 Jule St., $9,363. Noted Oct. 7.

Mo., Springfield—Curbing and concrete paving, etc. 11,669 sq.yd. Atlantic Ave., to Stigall Constr. Co., Talmage and Benton Sts. at $2.05 per sq.yd.; concrete paving, etc. 6,360 sq.yd. Commercial St. and 7,756 sq.yd. Sherman St., to H. Prosperi, 1200 North Campbell St. at $1.82 and $1.99 respectively. Noted June 17 and Sept. 16.

Ark., Little Rock—Curbing and asphaltic concrete surfacing, etc., 11,540 sq.yd. Paving Dist. 449, (tentatively awarded) to P. F. Connelly Paving Co., Home Insurance Bldg., $40,440. Noted Aug. 12.

Tex., Albany—Shackelford Co., grading, bridging, etc. 13.596 mi. Highway 1-A. Federal Aid Project 477-B, to R. B. Stroup Blackwell, $32,502. Engrs. est. $42,000. Noted Sept. 23.

Tex., Alice—Asphalt on limestone paving 9 blocks Main St., to W. L. Pearson & Co., McAllen, $36,000.

Tex., Beaumont—R. C. Black, city engr., limestone rock asphalt paving 28 blocks various streets, to Uvalde Rock Asphalt Co., Beaumont, for city. $261,673.

Tex., Beaumont—Jefferson Co., bituminous on shell and gravel paving 40 mi. various roads, to A. C. McFarland, Orange, at $0.249 per sq.yd.

Okla., Blackwell—Grading, curbing, guttering and vertical fibre brick paving 7,500 sq.yd. streets in Dist. 34, to O. T. Tyler, Blackwell, $43,943. Engrs. est. $45,000. Noted Apr. 29.

Okla., Durant—Grading, curbing and concrete paving 12,775 sq.yd. streets in Dist. 17, to Bann & Dyer, Durant, $38,991. Engrs. est. $40,000.

Utah, Salt Lake City—Graveling with oil finish etc. 18,844 sq.yd. 14th St. E., 13th St. S., Harrison and Sherman Aves., to J. L. Griffith Co., 17 Central Bldg. $29,743. Engrs. est. $31,903.

California—State Hy. Dept. Sacramento, grading and concrete paving road through Tustin, Orange Co., to Griffith Co., Railway Bldg., Los Angeles, $61,220.

Calif., Riverside—Riverside Co., asphaltic macadam paving, etc., La Sierra Heights Dist., Co. Impvt. 17, to Southwest Paving Co., Washington Bldg., Los Angeles, approximately $152,975. Noted Oct. 7.,

Calif., Santa Ana—Orange Co., concrete paving road through Tustin, to Griffith Co., Railway Bldg., Los Angeles, $64,102.

Calif., San Diego—Common Council, sidewalks, curbing and concrete paving 95,056 sq.ft. Zola, Rosecrans and other streets, to B. Noble, Spreckles Bldg., $38,844. Noted Sept. 16.

Calif., Santa Ana—Grading, sidewalks, sewers and 5 in. concrete paving, etc. 120,512 sq.ft. Louise St., also curbing, sidewalks and concrete paving, etc. 76,605 sq.ft. Victoria Dr., to T. W. Oglesby, 423 Edgewood Ave., $34,965 and $27,560, respectively. Noted Oct. 7.

Ont., Windsor—Concrete paving Wyandotte, Park and Victoria Sts., to Cadwell Sand & Gravel Co., Sandwich St. Engrs. est. $75,000.

Ont., Sandwich—West Twp. Council, concrete paving 2½ mi. Malden Rd., 18 and 20 ft., to Chick Contg. Co., McDougall St., Windsor. Engrs. est. $119,000.

B. C., Point Grey — Permanent paving various streets, to Armstrong-Morrison Paving Co., 543 Granville St., Vancouver, $8,026; 6 in. concrete paving, to Dawson Wade & Co., 500 Beatty St., Vancouver, $11,939; and 2 in. warrenite on 5 in. rock paving, to Cotton Co. Ltd., False Creek Yards, Vancouver, $7,536. Grand total $27,500.

B. C., Vancouver—Permament hardsurfacing various streets, to Columbia Bitulithic Co. Ltd., 500 Beatty St., $12,608. Noted July 29.

B. C., Vancouver—Concrete sidewalks and curbing on various streets, to E. A. Anderson, 306 20th Ave. E. $35,077.

Buildings—Commercial

Proposed Work

Mass., Allston (br. Boston)—STORE and OFFICE—A. Kaplan, 20 Passadena Rd., Roxbury, having preliminary plans prepared by Silverman, Brown & Heenan, 51 Cornhill, Boston, 3 and more story, brick and stone, Harvard and Glenville Aves. $150,000 or more.

Mass., Boston — APARTMENT — E. Henderson, 28 Revere St., having sketches made by Blackall & Elwell, 44 Bromfield St., 10 story and basement, 40 x 100 ft., brick, limestone and steel, plain foundation, 282 Beacon St. To exceed $150,000.

Mass., Boston — OFFICE — David Sears Real Estate Trust, c/o Shepard & Stearns, archts., 65 Franklin St., had plans prepared altering and constructing 4 story and basement, brick and stone, plain foundation. $150,000.

Mass., Boston — SURGICAL — Faulkner Hospital, 1153 Centre St., Jamaica Plain, having sketches made by O. A. Thayer, 89 Franklin St., 2 story and basement, brick wing, Centre St. $150,000.

Mass., Boston — Boston Loan Co., 275 Washington St., having plans prepared by T. M. Sargent, 162 Tremont St., altering and constructing 3 story and basement, brick addition to Y. M. C. A. building, plain foundation. $150,000.

Mass., Cambridge (Boston P. O.)—BANK and OFFICE—Central Trust Co., W. G. Davis, pres., Massachusetts Ave., having revised plans prepared 6 story and basement, 90 x 100 ft., brick and stone, plain foundation, 513 Massachusetts Ave. $500,000. Former bids rejected. Noted Aug. 26.

Mass., Dorchester (Boston P. O.)—BANK —First Natl. Bank, 67 Milk St., Boston, having plans prepared by W. A. Dykeman, 15 Exchange St., Boston, 1 story and basement, brick, stone and steel, Dorchester Ave., here. $150,000.

Mass., Dorchester (Boston P. O.)—STORE and OFFICE—B. Rockman, 41 Nobscot Rd., Newton, plans brick, Dorchester Ave. opposite Charles St., here. $150,000 or more. Engineer and architect not selected.

Mass., Dorchester (Boston P. O.)—STORE and OFFICE—Simons & Weiner, 2 Mascoma St., plans 2 or 3 story and basement, brick, plain foundation, Washington St. near Kenwood St. $150,000. Engineer and architect not selected.

Mass., Malden (Boston P. O.)—COMMUNITY—City, c/o C. F. Springall, archt., 84 Sprague St., having preliminary sketches made brick community, Oak Grove Sq. $150,000.

Mass., Revere—APARTMENT—Brown & Galiad, 56 Thornton St., having plans prepared by Schein & Levine, 448 Bway., Chelsea, 3 story and basement, 85 x 115 ft., brick and stone, plain foundation, Nathan Ave. near Shirley Ave. $150,000.

Mass., Springfield — OFFICE — Young Realty Co., Temple St., had preliminary plans prepared by W. E. Dibble, 21 Besse Pl., for office, Dwight St. No contracts awarded. This corrects report in Oct. 14 issue.

Mass., Waltham (Boston P. O.)—CLUB —Waltham Lodge of Elks., T. H. McCarthy, 100 School St., plans brick club, School St. $150,000. Engineer and architect not selected.

Mass., Woburn — BANK — Woburn Cooperative Bank, A. E. Gage, having preliminary plans prepared by J. D. Leland Co., Statler Bldg., Boston, 1 story and basement, brick and limestone, Common and Main Sts. $150,000.

Conn., Bridgeport — BANK — City Natl. Bank, C. E. Hough, pres., having sketches made by Dennison & Hirons, 288 Lexington Ave., New York City, bank, Main and John Sts. $800,000.

Conn., Hartford — DORMITORY — Y. W. C. A., 262 Ann St., having plans prepared by Smith & Bassette, 36 Pearl St., brick and steel, Broad St. $250,000.

N. Y., New York — APARTMENT — D. Skasser, c/o Springsteen & Goldhammer, archts., 32 Union Sq. soon takes bids 5 story, rein.-con., brick and steel, plain foundation, incl. 2 electric elevators, Westchester Ave. $300,000.

N. Y., New York—APARTMENT—Zimmet Realty Co., c/o Gronenberg & Leuchtag, archts., 1385 Bway., having plans prepared 15 story, 90 x 100 ft., brick, steel and stone, plain foundation, incl. 4 electric elevators 313 West 86th St. $1,500,000.

N. Y., New York—BANK and OFFICE—Central Union Trust Co., 80 Bway., plans 43 story, brick, steel and stone, plain foundation, Bway. and Wall St. $12,000,000. Engineer and architect not selected.

N. Y., New York — DEPARTMENT STORE — Adams Flanigan, Westchester and 3rd Aves., takes bids about Nov. 1. 6 story, brick, steel and stone, plain foundation, incl. electric elevators, 149th St. and 3rd Ave. $800,000. Starrett & Van Vleck, 393 7th Ave., archts. Noted Sept. 23.

N. Y., New York—EXCHANGE—New York Telephone Co., 15 Dey St., having plans prepared by McKenzie, Voorhies & Gmelin, archts. and engrs., 342 Madison Ave., 4 story, brick, steel and stone, plain foundation, 228 East 56th St. $250,000.

N. Y., New York—HOSPITAL—Bronx Hospital, 2382 Grand Concourse, S. Menskoff, chn. building com., had plans prepared by L. A. Abramson, 46 West 46th St., 5 story, brick, steel and stone addition, plain foundation, 169th St. and Fulton Ave. $750,000. Noted Dec. 10.

N. Y., New York — HOTEL — Allerton Operating Corp., 285 Madison Ave., having plans prepared by Murgatroyd & Ogden, archts. and engrs., 285 Madison Ave., 18 story, brick, steel and stone, plain foundation, incl. steam heating and 8 electric elevators, 63rd St. and Lexington Ave. $4,000,000. Noted Oct. 7.

N. Y., New York — OFFICE — Twenty-Eight East 52nd St. Corp., A. Brisbane, pres., soon takes bids 28 story, brick, steel and stone, plain foundation, Madison Ave. $1,650,000. Rouse & Goldstone, 512 5th Ave., engrs. and archts.

N. Y., New York — THEATRE — E. Petigor, 233 West 42nd St., having plans prepared by D. P. Hall, 405 Lexington Ave., brick, steel and stone, plain foundation, Jackson and Westchester Aves. $500,000.

N. J., Camden — STORE and APARTMENT—M. Marcous, c/o S. Kaplan, archt., 10 South 18th St., Phila., Pa., having plans prepared 2 story and basement, 40 x 100 ft., brick and steel, plain foundation, 34th and Federal Sts., here.

N. J., Millville—HOTEL—Millville Bd. of Trade, A. E. Slade, chn. building com., plans hotel. $250,000. Engineer and architect not selected.

N. J., Ocean City — HOTEL — Atlantic Hotel Co., c/o T. W. White, Overbrook, Pa., having plans prepared by A. B. Lacey, 1012 Walnut St., Phila., Pa., 4 story and basement, 200 x 300 ft., brick and steel, plain foundation, here. $1,250,000.

Pa., Johnstown—HOTEL and GARAGE —B. Hendler, Washington St., plans 5 story and basement, 50 x 125 ft., rein.-con. and steel addition, Locust St. $150,000. Engineer and architect not selected.

Pa., Lansdowne — APARTMENT and STORE — W. L. Rhoads having plans prepared by C. Brozer, Crozer Bldg., Phila., 4 story and basement, 100 x 150 ft., rein.-con., brick and steel, plain foundation. $500,000.

Pa., Phila. — APARTMENT — Herman & Bobbs, 4945 Sansom St., having plans prepared by Stetler & Dysher, Jefferson Bldg., 6 story and basement, 110 x 204 ft., rein.-con., brick and steel, plain foundation, Pine St. between 47th and 48th Sts. $1,000,000.

Pa., Phila.—STORE—G. C. Nimmons, archt., South Michigan Bldg. Chicago, Ill., soon lets contract 2 story and basement, 150 x 250 ft., rein.-con., brick and steel, plain foundation, 63rd and Market Sts., here, for Sears Roebuck Co., Roosevelt Blvd. $1,250,000. Noted Sept. 16.

Pa., Sellersville — HOSPITAL — Grand View Hospital, c/o W. A. Dernstein, having plans prepared by Ballinger Co., 12th and Chestnut Sts., Phila., 2 story and basement addition. $150,000.

Md., Baltimore—ARCADE and STORE—New York & Baltimore Realty Co., c/o F. R. Callis, Jr., archt., Hearst Tower, postponed construction 2 story and basement, 110 x 125 ft., brick and steel, plain foundation, Baltimore St. and Fremont Ave. $150,000. Noted June 3.

Va., Bedford — DORMITORY, etc. — Trustees Elks Natl. Home soon takes bids 90 room dormitory and 200 hp. central heating plant. C. Jennings, Lynchburg, vice pres.

Va., Farmville — HOSPITAL — P. A. Irving, et al., plan new hospital. $200,000.

Va., Richmond — THEATRE — C. A. Somma, 528 North 2nd St., plans West End Theatre, Westhampton Ave. between Colonial Ave. and Sheppard St. $250,000.

Va., Wytheville — HOTEL — Local Citizens, J. T. Graham, chn., plans modern hotel. $150,000-$200,000.

N. C., Greensboro—STORE—J. N. Coe, plans 3 story and basement, 48 x 100 ft. store, South Greene St. $150,000-$175,000.

Fla., Jacksonville—BANK, OFFICE and GARAGE—Medical Arts Corp. c/o A. Fullerton, 310 West Church St., having plans prepared by J. D. Powell & M. Maver, Professional Bldg., 10 story, 52 x 80 ft., brick, steel and stone, incl. 2 elevators, West Duval St. $375,000; and 4 story, brick and steel garage, 426-28 Duval St., $125,000.

Fla., Tampa — STORE, OFFICE — Tarr Furniture Co., Inc., Tampa and Twiggs Sts., had plans prepared by L. Elliott, Citizens Bank Bldg., store and office, Hyde Park Ave. and LaFayette St. $400,000.

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America Needs More Garages in Her Cities—

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Buildings—Commercial (Continued)

La., Pineville — HOSPITAL — Central Louisiana State Hospital having preliminary plans prepared by H. J. Duncan, 120 Murray St., C. E. Barron & E. L. Ball, associated archts., Alexandria, 2 story, brick and concrete administration and hospital buildings, etc. $225,000.

La., Shreveport — OFFICE — Syndicate, c/o Benson Realty Co., 502 Atkins St., takes bids about Dec. 4, 12 story and basement, 48 x 143 x 150 ft., rein.-con. and steel, incl. freight and passenger elevators, Travis and Louisiana Sts. $1,000,000. Long & Witchell, Amer. Bank Bldg., Dallas, Tex., archts. Noted Sept. 30.

Miss., Grenada — HOTEL — Southern Development Co., 683 Shrine Bldg., Memphis, Tenn., having preliminary plans prepared by A. F. Hansen, 683 Shrine Bldg., Memphis, Tenn., 5 story and basement, 52 x 100 ft., and 25 x 100 ft., rein.-con. and brick hotel, incl. steam heating, here. $175,000.

Tenn., Memphis—COMMERCIAL—M. S. Binswanger, 665 Union Ave., having preliminary plans prepared by G. Mahan, Jr., 700 Amer. Bank Bldg., 2 story and subbasement, 60 x 163 ft., rein.-con., brick and stone, plain foundation, Linden Ave. near Camilla St.

Tenn., Memphis — OFFICE — Fargason Estate, c/o Marx & Bensdorf, lessee, 158 Madison St., having plans prepared by Hanker & Cairns, Hill Bldg., 2 story and basement, rein.-con., brick and stone, plain foundation, Monroe and 2nd Sts. $250,000.

O., Alliance—AUTO SALES and COMMERCIAL — Alliance Buick Co. having plans prepared by R. S. Harsh, 8 East Broad St., Columbus, 4 story and basement, 100 x 1,120 ft., brick, steel and concrete sales and commercial building. $200,000.

O., Cleveland — GRAPHIC ARTS — Graphic Arts Building Co., c/o W. J. Austin, 16112 Euclid Ave., having plans prepared 6 story, and basement, brick, steel and concrete, incl. elevators and steam heating, East 21st St. $500,000. Private plans.

O., Cleveland — HALL — City, W. R. Hopkins, city mgr., having plans prepared by H. Krekelius, city archt., and J. H. MacDowell, consult. archt., Bulkley Bldg., 5 story and basement, 125 x 208 ft., stone, steel and concrete additions, incl. elevators, East 6th St. and St. Clair Ave. $2,000,000.

O., Cleveland — HOSPITAL — Cleveland Clinic Hospital, c/o A. L. Stolter, doctor, East 89th St. and Euclid Ave., having preliminary plans prepared by Ellerbe & Co., 692 Endicott Bldg., St. Paul, Minn., 7 story and basement, brick, steel and concrete, East 89th St. and Euclid Ave. $250,000.

O., Cleveland — STORE and APARTMENT—O. I. Leisy, Jr., 4242 Bonnie Bank, Lakewood, had plans prepared by W. Markowitz, 9806 Kempton Ave., 2 story and basement, brick, incl. incinerator, West 159th St. and Lorain Ave., here. $150,000.

O., Cleveland Heights (Warrensville P.O.) —APARTMENT—N. M. Berk, Leader Bldg., Cleveland, having plans prepared by M. Weis, 1836 Euclid Ave., Cleveland, 3 story and basement, 50 x 170 ft. brick, incl. incinerator, Rock Rd. and Euclid Heights Blvd. $25,000.

O., Cleveland Heights (Warrensville P. O.) — STORAGE WAREHOUSE — Neal Fireproof Storage Co., C. J. Neal, secy., 7208 Euclid Ave., Cleveland, plans brick and concrete, on 107 x 200 ft. site, Lew and Armond Rds., here. $200,000. Private plans.

O., Columbus—AUDITORIUM and CONVENTION HALL—J. E. McClaren, 121 East State St., having plans prepared by Richards, McCarty & Bulford, 584 East Broad St., 2 story and basement, 187½ x 187½ ft., brick, steel and stone, Towner and Front Sts. $350,000.

O., Massillon—GARAGE—Wagner Auto Garage Co. plans 124 x 220 ft., brick and steel, East Main St. $100,000-$150,000.

O., Shaker Heights (Cleveland P. O.) — THEATRE—Syndicate, composed of H. C. Loomis, C. D. Simmons & C. De Witt, Fidelity Mortgage Bldg., Cleveland, having plans prepared by Phillip Lindsley Small, 1836 Euclid Ave., Cleveland, 2 story, 100 x 100 ft., brick, here. $200,000.

Ind., Indianapolis — THEATRE, HALL and STORE — Peerless Realty Co., 152 North Delaware St., having preliminary plans prepared rein.-con., brick and steel theatre, known as "Fountain Square." $300,000. Private plans.

Ind., Marion—THEATRE—F. J. Rembusch, 512 Bd. Trads Bldg., Indianapolis, had plans prepared by F. B. Hunter, 612 State Life Bldg., Indianapolis, rein.-con., brick and steel, 1,500 seating capacity, here. $150,000.

Ind., Terra Haute—HOTEL—Crawford Fairbanks Heirs, Terra Haute, had plans prepared by W. A. Ross, 313 North Pennsylvania St., rein.-con., brick and steel hotel. $1,000,000.

Mich., Detroit—APARTMENT—J. Solovich, c/o R. L. Henderson, archt., 2539 Woodward Ave., had plans prepared 4 story and basement, rein.-con., brick and steel, plain foundation, incl. steam heating system, Boston Blvd. $200,000.

Mich., Detroit—BANK—Federal Reserve Bank of Chicago (Detroit Branch), 128 West Cong. St., soon takes bids 4 story bank, Fort St. Graham, Anderson, Probst & White, 88 East Jackson Blvd., Chicago, Ill., archts. Noted Aug. 26.

Mich., Detroit—EXCHANGE—Michigan Bell Telephone Co., Cass Ave., had plans prepared by Smith, Hinchman & Grylls, 800 Marquette Bldg., 3 story and basement, rein.-con., brick and steel, plain foundation, incl. steam heating system, Coon Ave. $750,000.

Mich., Detroit — GARAGE — L. Lipson, 1236 Burlingame Ave., having plans prepared by A. Kahn, 1000 Marquette Bldg., 4 story and basement, 100 x 175 ft., rein.-con., brick and steel, plain foundation, incl. steam heating system, Palmer and John R Sts.

Mich., Manistique—CLUB—Great Northwoods Club, 25 East Jackson Blvd., Chicago, Ill., having plans prepared by K. M. Vitzthum & Co., 307 North Michigan Ave., Chicago, Ill., 3 story and basement, 36 x 112 ft., and two 36 x 60 ft. wings, timber, plain foundation, and golf course. $150,000.

Ill., Chicago—BANK—North Town State Bank, c/o Oldefest & Williams, archts., 605 North Michigan Ave., having sketches made 2 story bank building, De Von and Claremont Aves. $400,000.

Ill., Chicago—HOSPITAL—P. T. Johnstone, archt., 190 North State St., soon takes bids 6 story and basement, 385 ft. long, rein.-con. brick and tile, incl. steam heat, etc., 6542-6614 Ridge Ave., for Ridge General Hospital, c/o architect. $1,500,000. Noted May 13.

Ill., Chicago — HOTEL — R. Degoyler & Co., archts., 307 North Michigan Ave., soon take bids, 15 story and basement, 108 x 150 ft., rein.-con., brick and stone, incl. 4 elevators, etc., Goetha and North State Sts., for J. H. Beuttas, et al., 720 Cass St. $2,000,000.

Ill., Chicago — OFFICE — D. S. Klafter, archt., 64 West Randolph St., preparing plans and soon takes bids 6 story, 53 x 100 ft., brick addition, 333-337 South Franklin St., for Franklin Street Building Corp., 333 South Franklin St. $400,000.

Ill., Chicago—OFFICE and STORE—W. Stein, c/o Joseph Stein & Co., 1905 North Western Ave., had plans prepared by D. S. Klafter, 64 West Randolph St., and soon takes bids 3 story and basement, 100 x 125 ft., brick and terra cotta, incl. 2 elevators, Western and Milwaukee Aves.

Ill., Chicago—THEATRE, STORE, HOTEL, etc.—Lubliner & Trinz Theatres, Inc., 307 North Michigan Ave., having sketches made by J. Eberson, 212 East Ontario St., Booker T. Washington Theatre, 3,750-3,800 seating capacity, also stores, hotel, offices, etc., fireproof, 47th and Michigan Ave. $3,000,000.

Ill., Kewanee — MAUSOLEUM — Peoria-Kewanee Mausoleum Co., A. L. Freed, pres., having preliminary plans prepared by H. B. Dox, Lehman Bldg., Peoria and takes bids after Jan. 1, 1 story, rein.-con., marble, stone and copper mausoleum. $200,000.

Wis., Green Bay — HOSPITAL — Brown Co., A. J. Vansistine, chn. building com., De Pere, plans 3 story and basement, rein.-con. and brick addition, here. $150,000. Engineer and architect not selected.

Wis., Hartford—CITY HALL—W. Radke, city clk., plans 3 story and basement, brick and concrete, plain foundation. $150,.000. Engineer and architect not selected.

Wis., Milwaukee—APARTMENT—A. G. Wolff, 114 Grand Ave., plans 6 story and basement, brick and concrete, plain foundation, incl. elevators, Grand Ave. $220,000. Engineer and architect not selected.

Wis., Milwaukee—THEATRE and BUSINESS—E. A. Meyer, archt., 2703 Lisbon Ave., preparing plans 3 story and basement, 120 x 207 ft., brick, concrete and terra cotta, plain foundation, Forest Home Ave. $300,000. Owner's name withheld.

Wis., Milwaukee — THEATRE and STORE—Saxe Amusement Enterprises, 530 Grand Ave., having preliminary plans prepared by C. W. and G. L. Rapp, 149 North State St., Chicago, Ill., 2 story and basement, brick, concrete and terra cotta, plain foundation, 3rd St. $700,000.

Wis., Powers Lake — CLUB HOUSE — H. D. Roller, archt., 343 South Dearborn St., Chicago, Ill., soon takes bids 3 and 5 story, brick and timber, plain foundation, here, for Aquilla Country Club, 120 North Michigan Ave., Chicago, Ill $200,000.

Ia., Cedar Rapids — COLISEUM — Memorial Building Comn., C. B. Robbins, Amer. Trust Bldg., pres., having plans prepared by W. B. Brown, Bever Bldg., and H. E. Hunter, Security Bldg., 7 and 4 story and basement, rein.-con., brick, steel and stone, concrete pile foundation. $900,000.

Kan., Kansas City—HOTEL—Chamber of Commerce plans rein.-con. and brick hotel, 7th and Minnesota Aves. $600,000. Engineer and architect selected soon. Noted Sept. 2.

Mo., Cape Girardeau — HOSPITAL — Southeast Missouri Hospital Assn., S. P. Dalton, secy., takes bids in November, 3 story and basement, 42 x 148 ft., rein.-con., brick and stone hospital. $150,000. Hoener, Baum & Froese, 3605 Laclede St., St. Louis, archts. Noted Aug. 5.

Mo., Joplin—OFFICE—Smith & Van Pelt, archts., 711 Joplin Natl. Bank, soon let contract 4 story and basement, 50 x 115 ft., rein.-con., brick and stone, 6th and Joplin Sts. for Empire Dist. Electric Co., 414 Joplin St.

Mo., Kansas City—EXCHANGE—Southwestern Bell Telephone Co., Telephone Bldg., having plans prepared by Hoit, Price & Barnes, 800 Davidson Bldg., 6 story, rein.-con., brick and terra cotta addition, 11th and Oak Sts. $600,000. Noted July 1.

Tex., Amarillo—APARTMENT—M. P. Connor, 407 Security Bldg., Kansas City, Mo., plans brick apartment. $150,000. Private plans.

Tex., Amarillo—THEATRE—H. O. Barber, c/o Shepard & Wiser, archts., 207 Amarillo Bldg., and 1209 R. A. Long Bldg., Kansas City, Mo., having plans prepared 4 story and basement, 120 x 140 ft., rein.-con., brick and terra cotta theatre. $350,000.

Tex., Galveston—HOTEL—J. H. Langben, 410 Guaranty Bldg., and Shearn Moody, 2028 Ave. D, having plans prepared 9 story, basement, and roof garden, 76 x 110 ft., rein.-con. and brick, plain foundation, incl. 3 elevators, etc. Ave. F and 21st. St. $500,000. Private plans.

Tex., San Antonio—CITY HALL—Election Nov. 15, fireproof annex to city hall. J. W. Tobin, mayor.

Tex., San Antonio—HOTEL or OFFICE —Etheridge Bros., c/o Brady Bldg., purchased site and plans brick and stone, hotel or office, Martin St. $1,000,000.

Tex., Wichita Falls—CITY HALL and AUDITORIUM—Voted $500,000 bonds, new city hall and auditorium. W. E. McBroom, city secy. Noted Oct. 14.

Okla., Ardmore—MASONIC TEMPLE—Masonic Lodge having plans prepared by Hank & Parr, Cotton Exch. Bldg., Oklahoma City, 5 story and basement, 100 x 149 ft., rein.-con., plain foundation, B St. $250,000.

Wash., Seattle — COUNTY-CITY — King Co. plans election in November $1,575,000 bonds, constructing addition to County-City Building.

Wash., Seattle—HOSPITAL—Orthopedic Hospital, 2107 Warren St., having plans prepared by A. H. Albertson, Henry Bldg., 4 story, 42 x 200 ft., concrete and brick wing, Queen Anne Ave. $165,000.

Wash., Seattle—STORE—Western States Grocery Co. takes bids about Dec. 5, 4 story and basement, 120 x 270 ft., concrete, 4th St. S. and Atlantic St. $200,000.

Calif., Los Angeles—APARTMENT—P. Elvad, 232 South Catalina St., had plans prepared by H. A. Topp, 254 South Bonnie St., Pasadena, 4 story and basement, 70 x 125 ft., brick, North Vermont Ave. $150,000.

Calif., San Francisco — APARTMENT — W. F. Chipman, 625 Market St., having plans prepared by Reid Bros., 105 Montgomery St., 14 story and basement, steel, Union and Leavenworth Sts. $600,000.

Que., Montreal—APARTMENT—L. Belmonte, 107 St. Mark St., soon takes bids apartment house, Pine Ave. $500,000. Private plans.

B. C., Vancouver—THEATRE—Orpheum Circuit, 765 Granville St., soon lets contract, structural steel work for 2 story, 120 x 175 ft. theatre, Seymour and Smith Sts. $150,000. M. B. Preteca, Pantages Bldg., Seattle, Wash., archt.

Bids Desired

Mass., Boston — APARTMENT — See "Contracts Awarded."

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Buildings—Commercial (Continued)

Mass., Boston—BANK—Exchange Trust Co., 1 Court St., taking bids 3 story and basement, brick, steel and limestone, plain foundation, 167-175 Washington St. $300,000. Coolidge, Shepley, Bulfinch & Abbott, Ames Bldg., Boston, archts. Noted Oct. 14.

Mass., Boston — GARAGE—Commercial Building Corp., c/o R. A. Nordbloom, 79 Milk St., Boston, taking bids 3 story, 69,000 sq.ft. floor space, rein.-con. brick and steel, plain foundation, Commonwealth Ave. $200,000. W. A. Dykeman, 15 Exchange St., Boston, archt.

Mass., Brighton (Boston P. O.)—STORE and OFFICE—J. Stepanian, c/o G. H. Sidebottom, archt., 101 Tremont St., Boston, taking bids 3 story and basement, brick and stone addition, plain foundation, Beacon St. and Cleveland Circle, here. $150,000.

Mass., Brookline (Boston P.O.)—STORE and OFFICE—Gorfinkle & Barkins, 294 Washington St., Boston, taking bids 3 story and basement, 55 x 150 ft., brick and stone, Harvard and Longwood Aves., here. $150,000. E. B. Stratton, 25 Arch St., Boston, archt.

Mass., Cambridge (Boston P. O.) — APARTMENT—See "Contracts Awarded."

Mass., Lynn—APARTMENT—See "Contracts Awarded."

Mass., Dorchester (Boston P. O.) — APARTMENT—See "Contracts Awarded."

Mass., Malden (Boston P. O.)—APARTMENT—See "Contracts Awarded."

Mass., Roxbury (Boston P. O.)—THEATRE, STORE and OFFICE—A. I. Rudnick, 333 Washington St., Boston, taking bids 2 story and basement, 100 x 110 ft., brick, stone and steel, plain foundation, Humboldt Ave. and Waumbeck St., here. $200,000. G. N. Jacobs, 37 Bosworth St., Boston, archt. Noted Oct. 7.

Mass., Spencer—HALL—Town, E. Allen, chn. com., taking bids 2 story and basement, brick, stone and granite, plain foundation, Main St. $150,000. G. C. Halcott, Chamber of Commerce Bldg., archt.

N. Y., New York—APARTMENTS—See "Contracts Awarded."

N. Y., New York — MORTUARY, CHAPEL and LABORATORY — Nov. 4, by L. I. Harris, pres. Bd. Health, 505 Pearl St., alterations, etc. at Mortuary, chapel and laboratory, at Riverside Hospital, North Brother Island, Bronx Boro.

Pa. Ardmore — STORE, APARTMENT and GARAGE — See "Contracts Awarded."

Pa., Phila.—GARAGE—Oct. 25, by Hoffman-Henon Co., archts., Finance Bldg., 3 story and basement, 108 x 114 ft., rein.-con. and brick garage, incl. gas tank and pump, oil tank, burners, etc., Juniper and Cherry Sts. $200,000. Owner's name withheld.

Pa., Phila. — STORE — See "Contracts Awarded."

O., Kent—LIBRARY—Oct. 29, by Bd. Trustees, W. A. Cluff, secy., 2 story and basement, 100 x 125 ft., concrete, stone and marble library. $250,000. Former bids rejected. Ronan & Ingleson, 1614½ North High St., Columbus, archts. Noted Sept. 30.

Ind., Evansville — BANK — Nov. 1, by Franklin Trust Co., 1019 West Franklin St., 2 story and basement, 45 x 100 ft. bank. $150,000. McGuire & Shook, Meridian and St. Joe Sts., Indianapolis, archts. Noted Sept. 23.

Ind., Ft. Wayne—HOME—Nov. 18, by Comrs. Allen Co., Court House 2 story and basement childrens home, rein.-con., brick and steel. $200,000. Pohlmeyer & Pohlmeyer, 260 Central Bldg., archts. Noted July 8.

Ill., Chicago—APARTMENT—Oct. 25, by D. S. Klafter, archt., 64 West Randolph St., 3 story and basement, 37 x 124½ ft., brick and stone, 3618 North Marshfield Ave., for Syndicate, c/o architect.

Wis., Kenosha — THEATRE — United Studios Co., archts. and genl. contractor, 28 West Lake St., Chicago, Ill., taking bids excavation, masonry, structural steel and terra cotta, etc., for 3 story and basement, 87 x 100 x 264 ft., brick, concrete and terra cotta, plain foundation, Main St., here, for Universal Chain Theatrical Enterprises, 730 5th Ave., New York City, N. Y. $600,000. Noted Oct. 7.

Wis., Milwaukee — APARTMENT — Oct. 25, by A. C. Runzler, archt., 144 Oneida St., 3 story and basement, 62 x 105 ft., brick and rein.-con., plain foundation, Knapp St. $150,000. Owner's name withheld.

Tex., Lubbock—SANITARIUM—Lubbock Sanitarium Co. taking bids 2 story and basement, 40 x 92 ft., rein.-con., brick and tile, plain foundation, incl. steam heating, 1 electric passenger elevator, etc. $150,000. Peters & Haynes, 321 Temple Ellis Bldg., archts. Noted Aug. 12.

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Calif., San Francisco—WAREHOUSE—L. P. Hobart, archt., Crocker Bldg., taking bids 3 story, rein.-con. addition, for Crane Co., 2nd and Brannan Sts. $150,000. Noted Sept. 30.

B. C., Nanaimo — HOTEL — Sharp & Thomson, archts., 708 London Bldg., Vancouver, taking bids 6 story and basement, 56 x 150 ft., rein.-con. and stucco, for Nanaimo Community Hotel Co. Ltd., F. S. Cunliffe, pres. Noted Sept. 30.

Bids Received

Tex., San Antonio—CLUB—San Antonio Casino Club, 6 story and basement, 90 x 140 ft., rein.-con. tile and marble, incl. 2 elevators, etc., from Heath & Kenzie, 410 Builders Exch. Bldg., $180,850. Noted Oct. 7.

Calif., Richmond — WAREHOUSE — Standard Sanitary Mfg. Co., 1000 Brannan St., San Francisco, 3 story, rein.-con., from P. J. Walker Co., Sharon Bldg., San Francisco, $202,800. Noted Sept. 30.

Calif., Salinas — HOSPITAL — Monterey Co., rein.-con. hospital, from West Coast Constr. Co., 519 California St., San Francisco, $157,857. Noted Sept. 23.

Calif., Santa Barbara—COURTHOUSE—Santa Barbara Co., structural steel works for courthouse, from Llewellyn Iron Wks., Main and Redondo Sts., Los Angeles, $123,357; excavating, grading and rein.-con. work, from R. L. Richardson, Santa Barbara, $17,396. Noted Sept. 23.

Contracts Awarded

Mass., Arlington (br.Boston)—APARTMENT—Lockeland Apartment Trust, 55 Kilby St., Boston, 3 story and basement 114 x 118 ft., brick and stone, plain foundation, Massachusetts Ave., to Arlington Constr. Co., 313 Bway. $250,000. Noted July 29.

Mass., Boston—APARTMENT—H. K. Goldstein, 321 Summit Ave., will build 3 story, brick and stone, Mt. Hood Rd. $300,000. Work will be done by separate contracts. Winebaum & Wexler, 73 Cornhill, Boston, archts.

Mass., Cambridge (Boston P. O.) — APARTMENT—Rosenfield Realty Co., 376 Columbus Ave., Boston, will build 4 story and basement, 100 x 115 ft., brick and stone, plain foundation, 155 Linneaen St. $300,000. Work will be done by separate contracts. Miller & Levi, 46 Cornhill, Boston, archts. Noted Sept. 16.

Mass., Dorchester (Boston P. O.) — APARTMENT — B. Elfman, 325 Summit Ave., Brighton, will build (2 units) each 3 story and basement, 60 x 75 ft., brick and stone, plain foundation, 32-36 Wilder St., here. $150,000. Work will be done by separate contracts. Winebaum & Wexler, 73 Cornhill, Boston, archts. Noted Oct. 7.

Mass., Lynn—APARTMENT—E. D. Nason, Orchard St., Swampscott, 3 story and basement, brick and steel, plain foundation, Union and Lincoln Sts., here, to Nason Constr. Co., Orchard St., Swampscott. Archts. est. to exceed $150,000.

Mass., Lynn—APARTMENT—S. Galias, 23 Central Ave., will build 3 story and basement, irregular shaped, brick, plain foundation, Fayette and Chestnut Sts., by day labor. $200,000. G. A. Cornet, 4 Central Ave., archt.

Mass., Malden (Boston P. O.)—APARTMENT — D'Urson Constr. Co., Old South Bldg., Boston, will build 3 story and basement, irregular shaped, brick, plain foundation, Home and D'Urson Ave. $350,000. Work will be done by separate contracts. Private plans.

Mass., Rockport—BANK—Grnaite Savings Bank, 1 story and basement, brick, stone and steel, plain foundation, Main St., to Sawyer Constr. Co., 16 Arlington St., Boston. Archts. est. $150,000.

R. I., Pawtucket — DORMITORY — Memorial Hospital, Prespect St., 3 story and basement, 45 x 120 ft., brick and stone, plain foundation, to H. M. Soule, 110 Brook St., Pawtucket. Archts. est. $150,000. Noted Sept. 2.

R. I., Providence—BUSINESS—A. Weitman, 1917 Westminster St., 4 story and basement, brick, plain foundation, to P. J. Flynn, 17 Exchange St. Archts. est. $150,000.

Conn., Hartford — BUSINESS — Arcade Realty Co., c/o E. T. Wiley, archt., 75 Pratt St., 4 story, brick and steel, State St., to C. Cudemo & Southern New England Contg. Co., 68 Temple St. Archts. est. $150,000. Noted Oct. 7.

N. Y., New York—APARTMENT—Preferred Building Corp., 65 East 175th St., will build 15 story, brick, steel and stone, plain foundation, Incl. 4 electric elevators, Grand Concourse. $3,000,000. Work will be done by separate contracts.

N. Y., New York—APARTMENT—Concourse Enterprise Corp., c/o Springsteen & Goldhammer, archts., 32 Union Sq., will build 6 story, brick, steel and stone, plain foundation, incl. 2 electric elevators. Grand Concourse. $550,000. Work will be done by separate contracts.

N. Y., New York—APARTMENTS—L. Goldner, c/o Sommerfeld & Sass, archts., 31 Union Sq., will build two 12 story, 130 x 140 ft. and 125 x 175 ft., brick, steel and stone, plain foundation, incl. 4 electric elevators, Bennett Ave. $1,000,000 each. Work will be done by separate contracts.

N. Y., New York — APARTMENT — Jatison Constr. Co., Inc., 285 Madison Ave., will build 9 story, brick, steel and stone, incl. 2 electric elevators, and steam heating, 123 East 84th St. $425,000. Work will be done by separate contracts. Schwartz & Gross, 347 5th Ave., engrs. and archts.

N. Y., New York — APARTMENT — J. Siskowitz, 1440 Bway., 14 story, brick, steel and stone, plain foundation, 261 Central Park West, to S. S. Roth & Son, 1440 Bway. Archts. est. $3,000,000.

N. Y., New York — APARTMENT and STORE — C. B. Grundstein, 3027 Godwin Terrace, will build 6 story, brick, steel and stone, plain foundation, incl. 2 electric elevators and steam heating, 180th St. and Morris Ave. $300,000. Work will be done by separate contracts. G. W. Swiller, 4215 3rd Ave., archt.

N. Y., New York—CLUBHOUSE—Amer. Womens Realty Assn., Inc., L. M. Garrison, pres., 385 Madison Ave., 23 story, brick, steel and stone, plain foundation, 353 West 57th St., to Marc Eidlitz, 41 East 52nd St. Archts. est. $3,000,000. Noted Oct. 7.

N. J., Princeton — HOSPITAL — Princeton Hospital, 2 story, hospital to Matthews Constr. Co., Alexander St., $600,000.

Pa., Ardmore — STORE, APARTMENT and GARAGE — A. W. Lendy will build 2 story and basement, 40 x 180 ft., rein.-con., brick and steel, plain foundation, here. Work will be done by separate contracts.

Pa., Phila.—STORE—S. Haas, Land Title Bldg., will build 2 story and basement, 94 x 105 ft., rein.-con., brick and steel, plain foundation, Huntington Ave. at Pennsylvania R.R. tracks. Work will be done by separate contracts. Private plans.

Pa., Pittsburgh—STORE and APARTMENT—Young Mahood Co., 1427 Liberty Ave., 5 story and basement, 50 x 100 ft., brick and concrete, incl. automatic sprinkler and elevators, to Inland Constr. Co., Penn Ave. E. E., Pittsburgh. Engrs. est. $150,000. Noted Sept. 23.

D. C., Wash. — BANK and OFFICE — Coolidge, Shepley, Bulfinch & Abbott, archts., 122 Ames Bldg., Boston, Mass., general contract 10 story and basement, 85 x 115 ft., brick and steel, here, to James Stewart & Co., 17 East 42nd St., New York City, N. Y., for City Central Corp., 209 Washington St., Boston, Mass. Engrs. total est. $2,000,000. Noted Feb. 4.

D. C., Wash.—JAIL—Dist. Comrs., District Bldg., addition to jail, to G. E. Wyne, 29th and Calvert Sts., $265,740. Noted Sept. 30.

Va., Old Point Comfort (mail Fortress Monroe) — HOTEL — Old Point Comfort Hotel Corp., for Hotel Chamberlain, 9 story, 312 room, fireproof, incl. ball room, swimming pool, etc., to Wise Granite & Constr. Co., Amer. Natl. Bank Bldg., 10th and Main Sts., Richmond. Archts. est. $1,250,000.

N. C., Durham—HOSPITAL—Watts Hospital, 55 room addition, to G. W. Kane, Durham, $171,931.

N. C., Elizabeth City—HOTEL—Virginia Dare Community Hotel, 9 story, 95 x 120 ft., brick and stone, plain foundation, to J. E. Beaman, State Bldg., Raleigh. Noted Oct. 14.

O., Cleveland — OFFICE and WAREHOUSE—Fisher Body Ohio Co., F. Fisher, pres., General Motors Bldg., Detroit, Mich., 2 story and basement, 80 x 200 ft. office extension, 1 story, 50 x 400 ft. warehouse, 80 x 120 ft. press shop with two 120 x 124 ft. wings, East 140th St., here, to Hunkin-Conkey Constr. Co., Hunkin-Conkey Bldg.

O., Sandusky — STORE, OFFICE and THEATRE — Seitz Theatre Co., general contract 3 story, 90 x 100 ft., brick, to R. Levine & Co., 822 West 70th St., Chicago, Ill. Archts. est. $450,000.

Ind., Ft. Wayne — HOTEL and THEATRE — Fox Realty Co., 604 West Wayne St., general contract 8 story and

Buildings—Commercial (Continued)

basement, 150 x 180 ft., rein.-con., brick, steel and terra cotta, Harrison and Jefferson Sts., to Buesching-Haegerman, 402 East Superior St. Archts. est. $1,250,000. Noted Aug. 26.

Mich., Detroit—OFFICE—Detroit Community Fund, 316 East Jefferson Ave., 4 story and basement, 85 x 167 ft., rein.-con., brick and steel, plain foundation, incl. steam heating system, Warren Ave., to Martin & Krausman Co., 955 East Jefferson Ave. Archts. est. $800,000. Noted Sept. 2.

Ill., Chicago—APARTMENT—Hooper & Janusch, archts., 849 North State St., masonry and concrete contract 12 and 15 story, 73 x 180 ft., rein.-con., brick and steel, 529 Cornelia Ave., to Hallbauer-La Hahn, Inc., 844 Rush St., for Stratford Pl. Building Corp., 1569 Howard St. Archts. est. $750,000. Noted Aug. 12.

Ill., Chicago—APARTMENT—W. Wallen, 6712 North Clark St., masonry contract, 82 x 100 ft. and two 44 x 100 ft., each 3 story, 1714-30 Albion Ave., to Shellburg Constr. Co., 6712 North Clark St. Archts. est. $150,000.

Ill., Chicago—APARTMENT—W. Wallen, Jr., 6712 North Clark St., masonry contract 17 story and basement, 80 x 150 ft., brick, steel and terra cotta, 405 Fullerton Parkway, to Shellberg Constr. Co., 6712 North Clark St.; carpentry, to Chell & Anderson, 11 South La Salle St.; plumbing and heating, to Nilson Bros., 3222 North Halsted St. Archts. est. $1,500,000.

Ill., Chicago — APARTMENT — Seventy East Cedar Street Building Corp., c/o McNally, Quinn & Co., 8 South La Salle St., masonry and carpentry contract 17 story and basement, 80 x 109 ft., brick and stone, 70 East Cedar St., to H. P. Janisch & Co., 1813 Winona St.; plumbing, to E. B. Kaiser, 625 Webster Ave.; heating, to Davis Constr. Co., 18 West Kinzie St.; and electrical work, to Hoffman Electric Co., 3711 Ogden Ave. Archts. est. $1,250,000. Noted June 10.

Ill., Chicago—HOSPITAL—H. J. Gaul, archt., 228 East Superior St., masonry and carpentry contract 6 story and basement, U shaped, rein.-con., brick, stone and steel, Lavergne and Lamon Aves., Division and Thomas Sts., to C. J. Rose & Son, 1814 Mohawk St., and structural steel, to New City Iron Wks., 4857 South Racine St., for St. Annes Hospital-Poor Hand Maidens of Jesus Christ, 4900 Thomas St. Archts. est. $1,000,000. Noted Jan. 24.

Ill., Chicago — OFFICE and STORE — Graham, Anderson, Probst & White, archts., 88 East Jackson Blvd., masonry and carpentry contract Pittsfield Building, 24 story and tower, 120 x 162 ft., rein.-con., brick and steel, Wabash Ave. and Washington St., to Henry Ericsson Co., 111 West Washington St.; steel, to McClintic-Marshall Co., 38 South Dearborn St.; terra cotta, to Northwestern Terra Cotta Co., 2525 Claybourn Ave.; erecting steel, to Oscar Daniels Co., 38 South Dearborn St., for Estate of Marshall Field, 25 East Washington St. Archts. est. $5,000,000. Noted Aug. 19.

Ill., Chicago — WAREHOUSE — Peck & Hills Furniture Co., 1353 South Wabash Ave., general contract 3 story, 100 x 200 ft., rein.-con. and brick, North Branch & Bliss Sts., to Standard Concrete Co., 1460 West Austin Ave. Archts. est. $300,000.

Ill., Evanston — OFFICE and STORE — Rowe, Peterson & Co., 623 South Wabash Ave., general contract 3 story and basement, 100 x 160 ft., Ridge Ave. near Emerson St., to Royal Brockob Constr. Co., 815 South Cicero Ave.; plumbing, to Hulbert & Dorsey, 208 North Wells St.; heating, to T. J. Douglas & Co., 352 Whiting St.; electrical, to Chester Johnson Electrical Co., 60 North Jefferson St. Archts. est. $200,000. Noted July 8.

Ill., Peoria — GARAGE — E. C. May, Peoria Life Bldg., 3 story, 144 x 173 ft. garage, Madison St., to V. Jobst & Sons, 1209 Lehman Bldg. Archts. est. $150,000.

Ill., Winnetka — STORE and APARTMENT — Perkins, Fellows & Hamilton, archts., 810 Tower Court, Chicago, general contract 3 story, brick and rein.-con., Elm St., here, to Strandberg Bros., 608 South Dearborn St., Chicago, for M. K. Meyer, Winnetka. Archts. est. $160,000. Noted Sept. 16.

Wis., Milwaukee—MOSQUE—Clas, Shepherd & Clas, archts., 445 Milwaukee St., 2 story and basement, 122 x 128 ft., brick and concrete, plain foundation, Grand Ave., to Bentley Bros., 808 South Pierce St., for Tripoli Temple, Nobles of the Mystic Shrine, L. Schneller, 399-4th St., chn. building com. Archts. est. $30,000. Noted Sept. 23.

BRIDGE—NEW YORK AND NEW JERSEY

Bids were opened at office of chief executive officer, Port of New York Authority, 75 West St., New York, July 21, for substructure Perth Amboy-Tottenville Bridge (Outerbridge Crossing) Contract No. PT-1A, Perth Amboy Approach, (A) P. J. Carlin Construction Co., Grand Central Terminal, New York (awarded contract); (B) Frederick Snare Corp., 114 Liberty St.; (C) Stillman, Delhanty, Ferris. Contract No. PT-1B, Tottenville Approach and River Piers, (A) Frederick Snare Corp., (awarded contract); (B) P. J. Carlin Construction Co.; (C) Stillman, Delhanty, Ferris. Contract PT-2, entire bridge superstructure, bids opened Aug. 24, (A) McClintic-Marshall Co., 50 Church St., New York, (awarded contract); (B) American Bridge Co.; (C) Bethlehem Steel Co. The unit bids are as follows:

CONTRACT PT-1A

	A	B	C
8,500 cu.yd excavation for piers A and B	15.00	14.50	20.00
10,300 cu.yd. excavation for approach piers on timber piles	8.00	10.00	16.00
14,600 cu.yd. excavation for approach piers on concrete piles and spread footings	7.00	8.00	10.00
160,000 lin.ft. timber foundation piles	.70	.85	1.50
17,000 lin.ft. timber foundation pile cut-offs	.70	.85	1.50
Furnishing concrete pile equipment (lump sum)	18,000.00	4,000.00	5,100.00
20,000 lin.ft. concrete piles	4.00	3.30	7.50
11,900 cu.yd concrete in bases of piers on timber piles	14.00	24.00	25.00
6,600 cu.yd. concrete in bases of piers on concrete piles and spread footings	14.00	21.00	25.00
6,900 cu.yd. concrete in plinths	17.00	17.00	25.00
140 cu.yd. granite facing	150.00	100.00	100.00
2,200 cu.yd. concrete in shafts of piers A and B	23.00	24.00	50.00
11,500 cu.yd. concrete in shafts of approach piers	27.00	29.00	28.00
1,700,000 lb. reinforcing steel	.05	.05	.20
Setting anchorage (lump sum)	2,200.00	5,000.00	3,000.00
Removing debris (lump sum)	2,100.00	5,000.00	32,500.00
Exteaded totals	$1,386,100	$1,600,300	$2,357,900

CONTRACT PT-1B

	A	B	C
4,900 cu.yd. excavation for approach piers on timber piles	$13.00	$8.00	$19.00
5,600 cu.yd. excavation for approach piers on concrete piles and spread footings	9.00	7.00	10.00
170,000 lin.ft. timber foundation piles	.85	.70	2.40
24,000 lin.ft. timber foundation pile cut-offs	.85	.70	2.40
Furnishing concrete pile equipment (lump sum)	4,000.00	18,000.00	4,500.00
11,000 lin.ft. concrete piles	3.30	4.00	8.00
23,400 cu.yd. mass in bases of piers C, D, E, and F	35.40	37.00	52.00
3,500 cu.yd. concrete in bases of approach piers on timber piles	30.00	14.00	20.00
2,400 cu.yd. concrete in bases of approach piers on concrete piles and spread footings	21.00	14.00	20.00
8,500 cu.yd. concrete in plinths	17.00	16.00	23.00
600 cu.yd. granite facing	100.00	150.00	100.00
8,100 cu.yd. concrete in shafts of piers C, D, E, and F	24.00	23.00	38.00
3,600 cu.yd. concrete in shafts of approach piers	30.00	27.00	29.00
1,700,000 lb. reinforcing steel	.05	.05	.18
Setting anchorage (lump sum)	5,000.00	2,200.00	3,000.00
Removing debris (lump sum)	10,000.00	2,100.00	21,556.00
Extended totals	$1,909,960	$1,823,400	$3,040,256

CONTRACT PT-2

	A	B	C
6,000,000 lb. structural carbon steel members and cast steel in Main River bridge, in place, painted	$0.084	$0.086	$0.0824
9,900,000 lb. structural silicon steel members in Main River bridge, including carbon-steel rivets and carbon-steel detail parts thereon, in place, painted	.088	.096	.0921
18,400,000 lb. structural carbon steel and cast steel in both approaches, in place, painted	.059	.055	.0654
17,540 lin.ft. railing on Main River bridge and both approaches, exclusive of lighting posts, in place, painted	7.50	7.85	7.35
Removing debris and clearning up site (lump sum)	68,000.00	.....	8,500.00
Extended totals	$2,599,150	$2,616,089	$2,746,969

Minn., Minneapolis — HOSPITAL — St. Andrews Hospital Assn., 712 5th St. S. E., general contract, 5 story and basement, 40 x 125 ft., rein.-con. and brick addition, incl. steam heating, etc., 5th St. and 7th Ave. S. E., to R. Billingsley Co., 742 Plymouth Bldg. Archts. total est. $150,000. Noted Sept. 9.

Ont., London — HOTEL — London Hotel Co., J. J. McHale, pres., 10 story, 150 x 185 ft., rein.-con. and brick, incl. steam heating, Dundas St., to J. V. Gray Constr. Co., Bartlett Bldg., Windsor. Archts. est. $1,250,000.

Buildings—Industrial

Proposed Work

Mass., Cambridge (Boston P. O.)—SHOP—M. L. Glassman, Columbia St., having plans prepared by N. Douglass, 393 Bway., 1 and 2 story, rein.-con. and brick auto dismantling shop, plain foundation, Columbia St. and Webster Ave. $40,000.

Mass., Framingham—GARAGE and REPAIR SHOP—West Boston Gas Co., 49 Howard St., having preliminary plans prepared by C. M. Baker, 25 Arch St., Boston, 1 and 2 story, brick, plain foundation, Howard St. $50,000.

Mass., Roxbury (Boston P. O.) — LAUNDRY—F. E. Metcalf, archt., 84 Court St., Newtonville, preparing plans 1 story, brick and stone laundry, here. Owner's name withheld. $40,000.

Mass., Watertown — FACTORY — Arden Box Toe Co., 36 Pleasant St., having plans prepared altering and constructing 2 units 1 story, 50 x 100 ft. each, concrete, Arlington St. To exceed $150,000. Private plans.

Conn., Hartford—FACTORY—Hartford Faience Co., Faience St., had plans prepared by Buck & Sheldon, 60 Prospect St., 2 story, rein.-con., brick and steel, Faience St., $45,000.

Conn., Stratford—PLANT—Eagle Constr. Co., 80 Bishop Ave., Bridgeport, had plans prepared plant manufacturing portable buildings. $50,000. Private plans.

Pa., Beaver Falls—FACTORY—Ingram Richardson Co. having plans prepared by J. E. Martsolf, New Brighton, 1 story, 96 x 122 ft., brick and steel addition. $40,000.

Pa., Canonsburg — FACTORY — Continental Can Co. soon takes bids 2 story, 80 x 100 ft., rein.-con. and brick addition. $80,000. Francisco & Jacobus, 511 5th Ave., New York City, N. Y., engrs. Noted Aug. 26.

Pa., Kane — DAIRY PLANT — Kane Dairy Co. having plans prepared by Mc-

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Buildings—Industrial (Continued)

Cormick Co., South Negley Ave., Pittsburgh, 1 story and part basement, 65 x 65 ft., brick, steel and rein.-con. plant. $40,000.

O., Canton — SERVICE STATION — Teigler Tire & Supply Co., plans 81 x 130 ft., service station, 9th St. and Cleveland Ave. N. W. $125,000-$150,000.

O., Dayton—ICE CREAM PLANT—F. A. Maharg, 110 Central Ave., plans 2 story, 40 x 120 ft., rein.-con. and brick, plain foundation, South Main St. $40,000. Engineer and architect not selected.

O., West Carrollton—PAPER MILL—Miami Paper Co. having surveys made; improving and enlarging paper mill. V. D. Simons, 431 North Michigan Ave., Chicago, Ill., industrial engr.

Ill., Waukegan—PLANT—American Can Co., 104 South Michigan Ave., Chicago, purchased large tract of land and plans factory, Sheridan Rd., here.

Tex., Alamo—COTTON GIN—Planters Gin Co. making plans 8 stand 80 saw capacity cotton gin. $40,000. Private plans.

Tex., San Antonio — REFRIGERATING PLANT — Election Nov. 15, $75,000 bonds, refrigerating plant in municipal auditorium. I. Ewig, city engr.

Bids Desired

N. H., Portsmouth, — REPAIR and SERVICE GARAGE—Hobbs Motor Co. taking bids 1 story, rein.-con. and brick repair and service garage and sales building. $50,000. Dow, Harlow & Kimball, 184 Boylston St., Boston, Mass., archts.

Mass., Boston—REPAIR and SERVICE —See "Contracts Awarded."

Mass., Dorchester (Boston P. O.) — BAKERY—See "Contracts Awarded."

Mass., Holyoke—BOILER HOUSE—Germania Mill, Race St., Lowell, taking bids 1 story, brick addition. $40,000. McClintock & Craig, 458 Bridge St., Springfield, engrs. Noted Sept. 9.

Mass., Malden (br. Boston)—GAS PURIFICATION PLANT — See "Contracts Awarded."

Mass., Malden (Boston P.O.)—REPAIR and SERVICE GARAGE—L. M. Fowler, 424 Pleasant St., taking bids 1 story, 65 x 85 ft., rein.-con. and brick, plain foundation, Pleasant St. $40,000. A. O. Bottomley, 10 Tremont St., Boston, archt. Noted Oct. 14.

Mass., Newton (br. Boston)—GARAGE and REPAIR SHOP—N. T. Turner, 69 Elmwood St., taking bids 2 story, brick and steel, plain foundation, Washington St. $50,000. Brainard & Leeds, 89 Franklin St., Boston, archts. Noted Sept. 9.

Mass., Quincy (Boston P. O.)—REPAIR SHOP, SERVICE GARAGE and SHOWROOM—See "Contracts Awarded."

Mass., Roxbury (Boston P.O.)—REPAIR and SERVICE GARAGE—See "Contracts Awarded"

Mass., Worcester — ENGINE HOUSE — Oct. 22, by Boston & Albany R.R., F. B. Freeman, ch. engr., South Sta., Boston, brick, steel and tile engine house, here. $40,000 or more. Private plans.

N. Y., Brooklyn—POWER HOUSE—Oct. 26, by B. S. Coler, comr. Dept. Pub. Welfare, Municipal Bldg., New York City, altering and constructing addition to power and boiler house, Kings Co. Hospital, here. Former bids rejected. Noted Oct. 7.

Pa., Phila. — PUBLISHING HOUSE — Oct. 25, by L. A. S. Bullinger, archt., 525 5th Ave., Pittsburgh, 5 story and basement, 34 x 60 ft., rein.-con., brick and steel, plain foundation, 19th and Bainbridge Sts., for African Methodist Episcopal Church, c/o D. I. Baxter, 631 Pine St.

O., Columbus—FACTORY—Nov. 1, by Yardley Screen & Weatherstrip Co., 715 Gustavus Lane, 1 story, 100 x 320 ft., concrete, Essex Ave. $65,000. Snyder & Babbitt, 16 East Broad St., archts.

Ia., Ft. Dodge—PLANT—See "Contracts Awarded."

Bids Received

O., Columbus—REPAIR GARAGE—Dept. Hys. & Pub. Wks., Ohio-Hartman Bldg., general contract 2 story and basement, 80 x 200 ft. shop and garage State Fair Grounds, from F. L. Matthaes, 453 Tulane Rd., $61,300.

O., Lancaster — POWER HOUSE and STACK—Dept. Welfare, Oak and 9th Sts., Columbus, J. E. Harper, dir., Oct. 6, 1 story, 60 x 150 ft. power house at Boys Industrial School, here, from Henry & Burkey, Lancaster, $39,200; brick stack, 252 ft. high, from Alphonse Custodis Chimney Corp., 140 South Dearborn St., Chicago, Ill., $10,000.

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Contracts Awarded

N. H., Exeter—REPAIR and SERVICE GARAGE—D. S. Kimball, c/o Butterfield-Buerton Co., archts., 801 Beech St., Manchester, 1 story, 70 x 100 ft., rein.-con., to Dupre & Son, Exeter. Archts. est. $40,000. Noted July 15.

Mass., Brighton (Boston P. O.)—SALES, SERVICE and REPAIR GARAGE—Commercial Buildings Corp., R. A. Nordbloom, 79 Milk St., Boston, 1 story, rein.-con., plain foundation, 235 North Beacon St., here, to White Constr. Co., 11 Beacon St., Boston. Archts. est. $40,000.

Mass., Boston—REPAIR and SERVICE GARAGE—H. E. Cline, 43 Tremont St., will build 1 and 2 story, 95 x 240 ft., rein.-con., plain foundation, Chelsea and Henley Sts. $80,000. Work will be done by separate contracts. Private plans.

Mass., Dorchester (Boston P. O.) — BAKERY—James Gentiles, Inc., 35 Mildred Ave., will build 2 story, 45 x 180 ft., timber addition, plain foundation. $40,000. Work will be done by separate contracts. Private plans.

Mass., Indian Orchard — MACHINE SHOP — Chapman Valve Co., Springfield, 1 story, 100 x 450 ft., brick and steel machine shop, to Dwight P. Robinson Co., 125 East 46th St., New York City. Engrs. est. $500,000.

Mass., Lawrence — BAKERY — Massachusetts Baking Co., 65 East Cottage St., Roxbury, 1 story and basement, brick, plain foundation, Lowell St., to R. E. Runels Constr. Co., Hildreth Bldg., Lowell. Archts. est. $40,000. Noted Sept. 30.

Mass., Malden (br. Boston)—GAS PURIFICATION PLANT — C. H. Tenney Co., engrs., 200 Devonshire St., Boston, will build 1 story gas purification plant, rein.-con., by separate contracts, here, for Malden & Melrose Gas Co., 200 Devonshire St., Boston. $40,000.

Mass., Malden (br. Boston)—MANUFACTURING—Willesen Mfg. Co., 153 Exchange St., 1 story, 50 x 75 ft., rein.-con. and steel, plain foundation, Bway., to M. A. Thurlow, 102 West Wyoming Ave., Melrose. Archts. est. $40,000. Noted Sept. 16.

Mass., Quincy (Boston P. O.)—REPAIR SHOP, SERVICE GARAGE and SHOWROOM—H. T. Dennison, 415 Quincy Shore Dr., will build 1 story, 65 x 100 ft., brick, stone and steel, plain foundation. $45,000. Work will be done by day labor.

Mass., Roxbury (Boston P. O.)—REPAIR and SERVICE GARAGE—M. Markovsky, 24 Kenwood St., Dorchester, will build 1 story, brick and steel, plain foundation, Williams and Sterling Sts. here. $75,000. Work will be done by separate contracts. Winebaum & Wexler, 73 Cornhill, Boston, archts.

Mass., Rutland — WORKSHOP and DORMITORY — Central North East Sanatorium A. Crane, supt., 2 story and basement, brick, plain foundation, Miles Rd., to Lowell-Whipple Co., 44 Portland St., Worcester. Archts. est. $60,000. Noted Sept. 2.

Conn., Meriden — FACTORY — C. E. Schunack, 64 Randolph St., 3 story, 40 x 44 ft., brick, Randolph St., to H. Wales Lines Co., 134 State St. Archts. est. $45,000.

Conn., Torrington—PLANT—Torrington Specialty Co., Inc., Winstead Rd., 1 story, brick addition to Torrington Building Co., 182 Church St. Archts. est. $40,000.

Pa., Shire Oaks (mail Elrama)—SHOPS —Pennsylvania R.R. Co., Broad St. Sta., Phila., 1 story, 46 x 48 ft. 60 x 100 ft., and 78 x 118 ft. shops, here, to W. F. Trimble & Sons, 1719 Penna Ave., Pittsburgh. Engrs. est. $300,000. Noted Oct. 7.

O., Cincinnati — MEAT PACKING—E. Kahns Sons Co., Livingston St., eight 1 to 5 story, rein.-con. and brick, plain foundation, Spring Grove St., to Wells Bros., 53 West Jackson Bldg., Chicago, Ill., $1,250,000.

O., Cleveland—FACTORY and STORAGE —Forbes Varnish Co., E. S. Reed, pres. and mgr., 3800 West 143rd St., 1 story, brick, steel and concrete, 3800 West 143rd St., to J. C. F. Shafer Co., Smythe Bldg. Archts. est. $60,000.

O., Columbus—REPAIR GARAGE—H. M. Freck, (owner and contractor), 176 South Pearl St., will build 2 story and basemen,t 125 x 134 ft., brick and concrete, Front St. Approximately $85,000.

Ind., Indianapolis—FACTORY—Reliance Specialty Co., 548 South West St., general contract 40 x 165 ft., brick and steel, 2229-35 Massachusetts Ave., to Universal Constr. Co., 1925 Massachusetts Ave., $40,000.

Mich., Detroit—GARAGE and SERVICE STATION—Detroit City Gas Co., Clifford St., 1 and 2 story, 50 x 116 ft. garage, and 58 x 131 ft. service station, both rein.-con. and brick, plain foundations, incl. steam heating system, French Rd., to Walbridge & Aldinger, 2356 Penobscot Bldg. Archts. est. $150,000.

Mich., Ypsilanti—POWER PLANT, etc.—Ford Motor Co., Highland Park, rein.-con. power plant, also hydro-electric power plant and concrete dam, 32 ft. head across Huron River, to Stone & Webster Co., Inc., 147 Milk St., Boston, Mass. Noted Mar. 25.

Wis., Milwaukee—MILLING PLANT—Krause Milling Co., 37th Ave. and Burnham St., remodeling 2 story, rein.-con. and brick milling plant, Burnham St., to Klug & Smith Co., 69 Wisconsin St. Archts. est. $50,000.

Wis., Milwaukee—REPAIR and SERVICE—Edwards Motor Co., 3601 Grand Ave., 1 story, 100 x 106 ft., and 150 x 150 ft., brick and steel addition, incl. elevator, Sycamore St., to Worden-Allen Co., Port Washington Rd. Archts. est. $100,000.

Ia., Ft. Dodge — PLANT — Ft. Dodge Serum Co., 600 Central Ave., will build 3 story, 47 x 80 ft., rein.-con. and steel addition, Central Ave., by day labor.

Ia., Des Moines—MILL—Rollins Hosiery Mills, East 28th and Dean Sts., 1 story, 66 x 220 ft., rein.-con. and brick addition, to A. H. Newmann & Co., 8th and Locust Sts. Archts. est. $50,000. Noted July 1.

Buildings—Educational, Religious

Proposed Work

Me., Bangor—LIBRARY—Bangor Theological Seminary, W. Moulton, pres., plans library. $150,000. Engineer and architect not selected.

Mass., Hopedale—HIGH SCHOOL—Town School com. having tentative sketches made by C. R. Whitcher, Beacon Bldg., Manchester, N. H., brick, Adess St. To exceed $150,000.

Mass., Pembroke—HALL and LIBRARY —Town having preliminary sketches made by J. D. Lelend & Co., Statler Bldg., Boston, town hall and library, Center St. $150,000.

Mass., Quincy (Boston P. O.)—CHURCH —Quincy Point Community Congregation Church Society, plans church, Quincy Point Sect. $150,000 or more. Engineer and architect not selected.

Mass., Quincy (Boston P. O.)—SCHOOL —St. Josephs Roman Catholic Church, M. J. Cuddihy, pastor having plans prepared by W. W. Drummey, 80 Boylston St. Boston, 2 story and basement, brick and stone, plain foundation, Quincy Point. $150,000.

Mass., Somerville (Boston P. O.)—HIGH SCHOOL — City, Mayors Office, having sketches made by F. I. Cooper Corp., 172 Tremont St., Boston, 2 story and basement, brick, Highland Ave. $200,000.

Mass., West Roxbury (Boston P. O.)—SCHOOL—City, Schoolhouse Dept., Boston, having plans prepared by G. N. Jacobs, 57 Province St., Boston, 2 story and basement, brick and limestone, plain foundation, Wren St., here. $150,000.

Mass., Worcester — HIGH SCHOOL — City, Pub. Building Dept., soon takes bids 3 story, 90 x 180 ft., brick and steel, high school and manual training department, Walnut St. $500,000. G. C. Halcott, 390 Main St., archt.

Mass., Somerville (Boston P. O.)—HIGH SCHOOL — City, Municipal Offices, having plans prepared by F. I. Cooper Corp., 172 Tremont St., Boston, high school addition. Highland Ave. $325,000.

R. I., Providence — ATHLETIC — Brown University having new plans prepared by Clark & How, Turks Head Bldg., 1 and 2 story, brick, Aldrich Field. To exceed $150,000. Former bids rejected. Noted July 1.

R. I., West Warwick (mail Warwick)—HIGH SCHOOL—Town, School Bd., takes bids about Nov. 1, Junior High School, 2 story and basement, brick and stone, plain foundation, Washington Sq. $150,000 or more. W. R. Walker & Son, 49 Weybosset St., Providence, archts. Noted July 29.

Conn., New Britain—SCHOOL—Sacred Heart Parish, L. Bojnowski, pastor, had plans prepared and soon takes bids 2 story

Buildings—Educational, Religious (Cont.)

and basement, brick and steel, Orange St. $200,000. Private plans.

Conn., New Haven — LABORATORY — Yale University having plans prepared by H. C. Pelton, 415 Lexington Ave., New York City, laboratory group. $200,000.

Conn., Waterbury — SCHOOL — City, School Bd., having plans prepared by L. A. Walsh 51 Leavenworth St., 2 story and basement, brick and steel addition, Columbia Blvd. $150,000.

N. Y., Brooklyn—SCHOOL—Bd. Educ., 500 Park Ave., New York City, had plans prepared by W. H. Gompert, archt. and engr., Flatbush Ave. Extension and Concord St., P. S. 115 brick, steel and stone, plain foundation, Ave. M and 91st St., here. $700,000.

Md., Baltimore — CHURCH and COMMUNITY HOUSE — C. N. and N. Friz, archts., Lexington Bldg., soon lets contract 1 and 2 story, irregular shaped, stone, plain foundation, Garrison, and Liberty Heights Ave., for St. Mark's Methodist Episcopal Church, c/o architects. $150,000. H. F. Doeleman, 507 North Charles St., engr.

Fla., Deland—HIGH SCHOOL—H. M. Griffin, archt., Daytona Beach, preparing plans (1st unit) high school, here, for Bd. Educ. $600,000.

Fla., Miami—HIGH SCHOOL—Dade Co. having plans prepared by Kiehml & Elliott, 930 Seybold Bldg., 3 and 4 story, tile and stucco high school. $1,250,000. Noted Feb. 25.

Ala., Montgomery — SCHOOLS — City voted $1,000,000 bonds, new high school and improving other schools.

Tenn., Nashville—CHURCH—West End Methodist Church, G. Stoves, pastor, 3523 Richland Ave., purchased site and raising $200,000 funds new church and Sunday school, 23rd St. and West End Ave.

Ky., Lexington — HIGH SCHOOL — Bd. Educ. having plans prepared by F. C. Warner & W. R. McCornack, Bulkley Bldg., Cleveland, O., 3 story and basement, concrete, brick and steel high school. $400,000.

O., Athens—AUDITORIUM—Bd. Trustees Ohio University having plans prepared by R. H. Briggs, Ohio-Hartmann Bldg., Columbus, 2 story and basement, 125 x 285 ft., brick, concrete and stone, on campus. $250,000.

O., Beachwood (P. O. Shaker Heights)—SCHOOL—Election Nov. 2, $150,000 bonds 2 story and basement, brick, steel and concrete school, for Bd. Educ., W. W. Cowle, clk. Engineer and architect not selected.

O., Bedford—SCHOOLS—Election Nov. 2, $200,000 bonds, new 16 room grade school and 6 room addition, for Bd. Educ. Engineer and architect's names withheld.

O., Brecksville—SCHOOL—Election Nov. 2, $150,000 bonds, 2 story, brick, steel and concrete addition, for Bd. Educ. A. E. Skeel, 5005 Euclid Ave., Cleveland, archt.

O., Dayton — CHILDREN'S HOME — Comrs. Montgomery Co. rejected bids Sept. 28, rein.-con. and brick, North Main St. $400,000. May readvertise. Gebhart & Schaeffer, Keith Bldg., archts. Noted Sept. 2.

O., Garfield Heights (Cleveland P.O.) HIGH SCHOOL—Election Nov. 2, $550,000 bonds, Senior High School, 3 story, brick, steel and concrete, Turney Rd., for Bd. Educ., H. L. Mock, clk. Turney Rd. Fulton & Taylor, 8120 Euclid Ave., Cleveland, archts.

O., Lakewood (br. Cleveland)—CHURCH and COMMUNITY HOUSE — St. Peters Episcopal Church, D. Le B. Goodwin, pastor, 1800-1 Detroit Ave., having new plans prepared by J. W. Chrisford, 1452 Highland Ave., 1 and 2 story, 50 x 105 ft., and 50 x 85 ft., brick, steel and stone, incl. steam heating, Clifton Blvd. and Detroit Ave. $150,000.

O., Maple Heights (Bedford P. O.) — SCHOOL—Election Nov. 2, $160,000 bonds, completing and constructing 2 story, brick, steel and concrete addition, Clement Dr., for Bd. Educ., A. E. Hadfield, clk. A. M. Allen & Co., 7016 Euclid Ave., Cleveland, archts.

O., Painesville — MUSIC — A. Garfield, archt., Natl. City Bldg., Cleveland, soon lets contract 2 story and basement 59 x 147 ft., brick, stone and concrete, here for Lake Erie College for Women. $150,000.

O. Parma—HIGH SCHOOL—Election Nov. 2, $450,000 bonds, Junior High School, 3 story and basement, brick, steel and concrete, for B. Educ. Village School Dist., I. Siegfried, clk. Fulton & Taylor, 8120 Euclid Ave., Cleveland, archts.

O., Warrensville — SCHOOL—Election Nov. 2, $150,000 bonds, brick, steel and concrete school, for Bd. Educ. of Orange Rural School Dist., F. W. Taylor, clk. C. W. Bates, 77 12th St., Wheeling, W. Va., archt.

Wis., Milwaukee—SCHOOL—St. Thomas Aquinas Congregation, 676 36th St., soon takes bids 3 story and basement, 40 x 50 ft., and 60 x 100 ft., brick, tile and concrete, 35th St. $200,000. Eschweiler & Eschweiler, 210 Mason St., archts. Noted Jan. 21.

Ill., Glen Ellyn — CHURCH — Holmes & Flynn, archts., 8 South Dearborn St., Chicago, soon lets contract 2 story 50 x 125 ft. brick and stone, here, for First Congregational Church.

Ill., Kankakee—CHURCH—First Presbyterian Congregation, c/o D. Creighton, pastor, 131 North Indiana St., having preliminary plans prepared 2 story and basement, concrete, brick and stone church. $150,000.

Ia., Des Moines — FRATERNITY HOUSES—Drake University, E. C. Lytton, bus. mgr., 31st and University Aves., having preliminary plans prepared by Vosre, Kraetsch & Kraetsch, 1201 Commonwealth Bldg., ten 3 story and basement, concrete, brick and stucco fraternity houses, on campus. $200,000.

Minn., St. Paul — CHURCH — Second Church of Christ Scientist, G. T. Stocker, chn. building com., 706 Pittsburgh Bldg., plans rein.-con., brick and stone, incl. steam heating, etc., Summit Ave. and Pierce St. $150,000. Lang, Raugland & Lewis, 412 Essex Bldg., Minneapolis, archts.

Kan., Emporia—HIGH SCHOOL—Election in November $150,000 bonds, new high school, for Bd. Educ. Engineer and architect not selected.

N. D., Wahpeton—SCHOOL—Plans election. $200,000 bonds, 3 story and basement school, here, for Bd. Educ., M. Peschel, clerk.

Mo., Kansas City—SCHOOL—Bd. Educ., 800 Finance Bldg., having plans prepared by C. A. Smith, 800 Finance Bldg. and soon takes bids 2 story, rein.-con. and brick addition, 71st and Olive Sts. $175,000.

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Buildings—Educational, Religious (Cont.)

Tex., Abilene—SUNDAY SCHOOL—First Baptist Church, having plans prepared by Nichol & Campbell, 29-30 Radford Bldg., 5 story, 60 x 85 ft., rein.-con., brick and stone, plain foundation.

Tex., San Antonio — SCHOOLS, etc. — Election soon $400,000 bonds, Junior High School and additions to schools. Phelps & DeWees, c/o Gunter Bldg., archts.

Ont., London — HIGH SCHOOL — Bd. Educ., takes bids about Nov. 1, 2 story and basement, 185 x 200 ft., brick, incl. steam heating system, gymnasium, and laboratories, Tecumseh St. $200,000. L. E. Carrothers, c/o Bd. Educ., archt.

Bids Desired

Mass., Medfield—HIGH SCHOOL—Town, School Bd. taking bids 2 story and basement, brick and stone, plain foundation. $150,000. Bigelow & Wadsworth, 3 Hamilton Pl., Boston, archts. Noted Aug. 5.

Mass., Saugus — CHURCH — St. John's Episcopal Church, c/o C. C. Coveney, Archt., 184 Boylston St., Boston, taking bids 2 story and basement, rein.-con. and brick, plain foundation, Cliftondale Sect., here. $150,000.

Md., Baltimore—CHURCH—Oct. 27, by P. J. Baldwin, archt., 328 North Charles St., 3 story and basement, 91 x 183 ft., concrete, steel, stone and tile, inclu. plumbing, Chester and Bank Sts., for Holy Rosary Roman Catholic Church, S. Wachowiak, pastor, 1634 Eastern Ave. $375,000.

D. C., Wash.—CHURCH—Oct. 27, by Corbusier, Linski & Foster, archts., B. F. Keith Bldg., Cleveland, O., 1 story, 40 x 130 ft., steel and stone church, here, for Grace Evangelical Church. $150,000. Noted Aug. 19.

D. C., Wash. — SCHOOL — Oct. 25, by Dist. Comrs., addition to John Burroughs School.

N. C., Newberry—HIGH SCHOOL—Nov. 1 by Trustees Newberry School, Dist. 1, c/o W. G. Mayes, chn., general contractors work high school, incl. plumbing, heating, and electrical work. J. Y. McFall, secy.

La., Mansfield—SCHOOL—Nov. 2, by Bd. Educ., 2 story, brick, steel and stone, plain foundation, incl. gas steam radiation. $150,000. E. F. Neild, 1206 City Bank Bldg., Shreveport, archt.

Ind., Indianapolis—HIGH SCHOOL—Dec. 1, by School Comrs., 150 North Meridian St., Shortridge High School, rein.-con., brick and steel, 34th and Meridian St. $1,000,000. Kopf & Deery, 402 Indiana Pythian Bldg., archts.

Ind., New Albany — HIGH SCHOOL — Nov. 6, by School Trustees Floyd Co., rein.-con., brick and steel high school, Vincennes and Locust Sts. $285,000. W. C. Findt, 37 New Zimmerman St., Springfield, O., archt. Noted June 17.

Mich., Detroit — SCHOOL — Oct. 29, by C. A. Gadd, bus. mgr. Bd. Educ., 2 story and basement, rein.-con., brick and steel, plain foundation, incl. steam heating system, Puritan Ave. $277,400. McGrath, Dohmen & Page, 2231 Park Ave., archts.

Ill., Chicago—HIGH SCHOOL—Nov. 12 (extended date), by Bd. Educ., 650 South Clark St., J. E. Byrnes, bus. mgr., Flower Technical High School for Girls, 4 story, 171 x 286 ft., rein.-con., steel, stone, marble and tile. North Central Park Ave. and Fulton St. $1,000,000. Noted Oct. 7.

Wis., Milwaukee — CONTINUATION SCHOOL—Nov. 2, A. O. Muehl, secy. Bd. Industrial Educ., 7th and Prairie Sts., rein.-con. work for 6 story, 142 x 268 ft., brick and rein.-con., plain foundation. State St. Total $1,000,000. Van Ryn & De Gelleke, 114 Grand Ave., archts. Noted Mar. 18.

Wis., Racine—SCHOOL—Oct. 26, by Bd. Educ., A. H. Schaefer, secy., Washington Park High School, 3 story and basement, 250 x 400 ft., rein.-con., brick, steel and stone, plain foundation, here. $550,000. Croft & Boerner, Inc., 1004 Marquette Ave., Minneapolis, Minn., archts. Noted Sept. 30.

Minn., Duluth—SCHOOL—Dec. 1, by Roman Catholic Diocese, 112 East Superior St., c/o A. Agnes, head Villas Scholastica School, 5 story and basement, 100 x 190 ft., limestone, rein.-con., stone, tile, etc.; addition, Jean Duluth Rd. O'Meara & Hills, Builders Exch. Bldg., St. Paul, engrs. and archts. $250,000.

Minn., Minneapolis—CHURCH—Oct. 26, by Hope Lutheran Church, c/o S. S. Thorpe, 1216 6th St. S. E., superstructure rein.-con., brick and stone, incl. steam heating, 6th St. and 13th Ave. S. E. Sund & Dunham, 513 Essex Bldg., archts.

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Mo., Joplin—HIGH SCHOOL—Oct. 26, by Bd. Educ., R. Breazeale, secy., Junior High School, 2 story and basement, 180 x 180 ft., brick and rein.-con. here. $175,000. J. H. Felt & Co., 300 West 47th St., Kansas City, archts. Noted Sept. 16.

Bids Received

Pa., Waynesburg—HIGH SCHOOL—Bd. Educ., 2 and 3 story and basement, high school, here, from E. E. Morris, Waynesburg, $157,283. Noted Aug. 5.

Wis., River Falls—SCHOOL—Bd. Educ., c/o C. A. Dawson, Sept. 29, general contract 2 story and basement, rein.-con. and brick, incl. heating, here, from J. B. Nelson Constr. Co., Mankato, Minn. Archts. est. $175,000. Noted July 8.

Mo., St. Louis—SCHOOL—Bd. Educ., 911 Locust St., R. M. Milligan, comr., Oct. 5, Melville L. Wilkinson Grade School, 2 story and basement, 77 x 162 ft., rein.-con., brick and stone, Arsenal St. between Ellendale and Greenwood Sts., general contract, from W. MacDonald Constr. Co., Syndicate Trust Bldg., $205,000; heating and ventilating, from Sodemann Heat & Power Co., 2306 Morgan St., $33,137. Noted Apr. 29.

Contracts Awarded

Mass., Boston—SCHOOL—City, Schoolhouse Dept., City Hall, Continuation School, Boys Unit, 6 story and basement, irregular shaped, brick and limestone, plain foundation, Warrenton St., to J. Rugo, 89 Boylston St., Boston, $585,000. Noted Oct. 14.

Mass., Hingham — HIGH SCHOOL — Town, School Bd., 2 story and basement, brick and stone, plain foundation, Central St., to W. Hanson, 567 Pleasant St., Brockton, $274,100.

Mass., Malden (Boston P. O.)—NURSES HOME—Malden Hospital, A. W. Walker, pres., 3 story and basement, brick addition, to W. M. Bailey Co., 88 Broad St., Boston. Archts. est. $150,000. Noted Oct. 7.

Mass., South Boston (Boston P. O.) — CONVENT—St. Augustines Roman Catholic Church, J. F. Coppinger, pastor, Dorchester St., 4 story and basement, brick and stone, plain foundation, E St., to J. M. Dolan, 263 Bway. Archts. est. $150,000. Noted Sept. 30.

Mass., Springfield—CHURCH and PARISH HOUSE — Emanuel Congregational Church, 2 story and basement, 50 x 110 ft. church, and 50 x 85 ft. parish house, White St. and Summer Ave., to C. P. Kibbe, 72 Farmington Ave. Archts. est. $150,000.

Mass., Worcester—SCHOOL—City, Pub. Buildings Dept., 2 story and basement, brick and steel, Nelson Pl., to C. T. Rocheford, 58 Front St., $112,435. Noted Oct. 7.

Conn., Storrs — CHURCH — Connecticut Federation of Churches, 1 story and basement, 50 x 118 ft., brick, marble and steel, to Peck McWilliams Co., 47 West Main St., Norwich. Archts. est. $150,000. Noted Sept. 2.

N. Y., New York — CHURCH and RECTORY — Church of the Heavenly Rest 3 East 45th St., brick, steel and stone, plain foundation, 5th Ave. and 96th St. to T. O'Reilly & Son, 415 Lexington Ave. Archts. est. $2,000,000. Noted July 15.

N. J., Nutley—SCHOOL—Bd. Educ., Park School Bldg., Franklin Ave., 2 story and basement, 80 x 190 ft. addition to Spring Garden School, to F. and C. Hearter, 769 Dewey Ave., West New York. Archts. est. $150,000. Noted Oct. 14.

N. J., Phillipsburg — HIGH SCHOOL — Bd. Educ. general contract 2 story, brick and steel, to B. Rymon, Phillipsburg, $379,241; plumbing, to F. Ricker, Easton, Pa., $30,206. Noted Oct. 7.

Pa., Munhall—SCHOOL—School Dist., general contract altering and constructing 1 and 2 story and basement, irregular shaped addition, to J. G. Fullman Co., E. E. Savings & Trust Bldg., Pittsburgh. Archts. est. $150,000. Noted Oct. 7.

Pa., Phila.—SCHOOL—Bd. Educ., J. D. Cassell, supt. buildings, 3 story and basement, 114 x 136 ft., rein.-con. and steel, plain foundation, Baltimore and Thomas Sts., general contract, to McCloskey Co., 1620 Thompson St., $368,863; and heating, to McClintock & Co., 5608 Race St., $33,785. Noted Oct. 14.

O., Cincinnati—NURSES HOME—Good Samaritan Hospital, Clifton Ave., 7 story and basement, rein.-con. and brick, Clifton Ave., to Ferro Concrete Co., Elm St., $500,000.

Ind., Indianapolis — COLLEGE — Butler University, general contract Arthur Jordan Memorial and 2 recitation buildings, 3 story and basement, 190 x 500 ft., rein.-con., brick and steel, at Fairview Park, to J. E. McGaughey, 332 Amer. Central Life Bldg., $1,100,000. Noted Aug. 5.

Mich., Sault Ste. Marie—SCHOOL—Bd. Educ., general contract, 2 story school, to M. N. Hunt, 651 Bingham Ave.; heating, etc., to C. Beckingham, 116 Portage Ave. Archts. est. $90,000. Noted May 27.

Ill., Evanston—SCHOOL—Bd. Educ. general contract 3 story and basement, irregular shaped brick and stone, Lincoln and Prarie Sts., to N. P. Severin Co., 105 West Monroe St., Chicago. Archts. est. $400,000. Noted Sept. 16.

Tex., Dallas—HIGH SCHOOL—De Witt & Lemmon, archts., Southwest Life Bldg., Woodrow Wilson High School, 3 story and part basement, 220 x 242 ft., brick, stone, steel and rein.-con., Glasgow Dr. opposite Randall Park, to L. H. Lacy Co., 2632 Swiss Ave., for Bd. Educ., c/o A. C. M. Moore, secy., Akard and Royal Sts. $548,127. Noted Aug. 12.

Calif., Los Angeles—HIGH SCHOOL—School Dist. general contract Burbank Jr. High School, 14 story, brick, concrete and terra cotta buildings, to Salih Bros., Detwiler Bldg., approximately $256,500. Noted Oct. 7.

Calif., San Francisco — SCHOOL — City and San Francisco Co., general contract Hearst-Moulder School, to Anderson & Ringrose, 320 Market St., $257,673.

Federal Government Work

Proposed Work

Calif., Mare Island—Boilers—Spec. 5288—Bureau Yards & Docks, Navy Dept., Wash., D. C., plans boilers, oil burning equipment, and flue at Navy Hospital, here.

Bids Desired

Massachusetts—Dredging—Nov. 20, by U. S. Engineers Office, Providence, R. I., dredging in New Bedford and Fairhaven Harbor, here; adv. E. N.-R. Oct. 21.

Conn., New London — Fire Protection — Spec. 5260—Oct. 27, by Bureau Yards & Docks, Navy Dept., Wash., D. C., foam fire protection, for oil reservoirs, at Naval Submarine Base, here; adv. E. N.-R. Oct. 21.

N. Y., Brooklyn—Alterations—Spec. 5287—Oct. 27, by Bureau Yards & Docks, Navy Dept., Wash., D. C., altering Main Building and Building 4, at Naval Hospital, here; adv. E. N.-R. Oct. 21.

D. C., Wash.—Insulators, etc.—Oct. 22, by A. L. Flint, genl. purch. office Panama Canal, insulators, floor grinding machines, pipe fittings, etc.

Va., Norfolk—Barge—Nov. 17, by U. S. Engineer Office, 80 ft. x 26 x 5 ft. steel oil barge, with filling and suction pipe lines, bins and watertanks; adv. E. N.-R. Oct. 21.

Ill., Evanston—Remodeling—Nov. 1, by Treas. Dept., at office Supervising Archt., remodeling U. S. Post Office, here. J. A. Wetmore, acting superv. archt.

Ia., Cherokee—Post Office, etc.—Oct. 27, by Superv. Architect, Treas. Dept., post office, sidewalks, etc., here.

Ia., Iowa City—Remodeling—Nov. 2, by Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office, here. Former bids rejected. Noted Aug. 5.

Washington — Quarters — Spec. 5239 — Nov. 17, by Bureau Yards & Docks, Navy Dept., Wash., D. C., quarters at Naval Radio Compass Station, at Klipsan Beach, here.

Calif., Pasadena—Remodeling—Nov. 9, by Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling and installing elevator at U. S. Post Office, here.

T. H., Pearl Harbor—Dredging—Spec. 5282—Dec. 1, by Bureau Yards & Docks, Navy Dept., Wash., D. C., dredging 8,624,000 cu.yd. Naval Operating Base, here.

Bids Received

N. Y., Olean—Remodeling—Treas. Dept. at office Supervising Archt., Wash., D. C., remodeling and enlarging U. S. Post Office, here, from C. Weitz Sons, 713 Mulberry St., Des Moines, Ia., $17,709. Noted Sept. 23.

Pa., McKeesport — Remodeling — Treas. Dept., office Supervising Archt., Wash., D. C., Oct. 5, remodeling U. S. Post Office, here, from T. W. Cissel, Bethlehem, $2,950. Noted Sept. 23.

D. C., Wash.—Equipment—U. S. Engineer Office, 1068 Navy Dept. Bldg., Sept. 30, 2 generators, automatic switching and electrical equipment, from Westinghouse Electric & Mfg Co., Hibbs Bldg., Wash., D. C., $114,499. Noted Sept. 2.

Fla., St. Augustine—Remodeling—Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling and enlarging U. S. Post Office, here, from O. P. Kroeger, St. Augustine, $11,000. Noted Sept. 23.

Federal Government Work (Continued)

O., Dayton—Assembly Shop—Constructing Quartermaster, Wright Field, Oct. 8, brick and steel assembly shop building at Wright Field, here, from E. H. Latham Co., 60 East Broad St., Columbus, $218,700. Noted Sept. 16.

S. D., Hot Springs—Officers Quarters—U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., constructing duplex officers quarters, here, from Lash Lumber Co., Hot Springs, $23,870, deduct $400.

Tex., Sabine Pass—Jetty—U. S. Engineers Office, Galveston, Oct. 1, extending west jetty, incl. sandstone core, rip rap stone, limestone cap and cover stone, here, from J. DePuy, 712 Builders Exch. Bldg., San Antonio, $940,999. Noted Aug. 12.

Colorado—Road—J. W. Johnson, dist. engr., Bureau Pub. Rds., Custom House, Denver, Oct. 7, grading, etc., 6.9 mi. Glacier Park Bear Lake Natl. Park Rd. Project, Larimer Co., from Shields & Flatl, Antonio, $122,051. Noted Sept. 30.

Contracts Awarded

D. C., Wash.—Addition—Treas. Dept. at office Supervising Archt., addition to Liberty Loan Building, to Consolidated Eng. Co., 20 East Franklin St., Baltimore, Md., $57,895 (3 months).

Va., Hampton — Bulkhead — U. S. Engineer Office, Norfolk, concrete bulkhead in Jones Creek at National Soldiers Home for D. V. S., here, to Alsop & Pierce, Newport News, $48,132. Noted Sept. 2.

Fla., Lake City—Wire Fence, etc.—U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., constructing wire fence and gates at U. S. Veterans Hospital, here, to Cyclone Fence Co., 796 Frelinghuysen Ave., Newark, N. J., $8,900. Noted Sept. 30.

Tenn., Memphis—Levee—U. S. Engineer Office, 30,000 cu.yd. levee work in Lower St. Francis Levee Dist., to Pierce & Cunningham, Caruthersville, Mo., $12,000.

Ky., Louisville—Lock Gates, etc.—U. S. Engineer Office, gates for Locks 47, 50 and 52, Ohio River, to Nashville Bridge Co., Ft. Shelby Ave., Nashville, Tenn., $176,749. Noted Aug. 26.

Ill., Kewanee—Remodeling—Treas. Dept., at office Supervising Archt., Wash., D. C., remodeling U. S. Post Office, here, to Pearson-Regnell, 5816 Bway., Chicago, $16,600. Noted Sept. 16.

Minn., Fort Snelling — Sewer — U. S. Veterans Bureau, Arlington Bldg., Wash., D. C., new sewer line at U. S. Veterans Hospital, here, to Camden Constr. Co., Minneapolis, Minn., $20,637. Noted Oct. 7.

Wyoming—Road—J. W. Johnson, dist. engr., 301 Custom House, Denver, Colo., grading 4.2 mi. Hoback-Canyon, Lower Canyon Sect. Natl. Forest Rd. Project, Teton Co., to Morrison-Knudsen Co., Boise, Idaho, $79,801; and surfacing 6.1 mi. Wind River Surfacing Sect., Fremont Co., to Watts Bros. Constr. Co., Buffalo, Wyo., $30,195. Noted Aug. 26.

Calif., Oakland—Dredging—U. S. Engineer Office, Customhouse, San Francisco, dredging 380,000 cu.yd. in Oakland Harbor, here, to Amer. Dredging Co., 255 Cal. St., San Francisco, $128,153. Noted Sept. 9.

Calif., Orland—Dam—Dept. Interior, Bureau Reclamation, Wash., D. C., constructing Stony Gorge Dam, here, to Amburson Constr. Co., Grand Central Terminal, New York City, N. Y., $518,904. Noted Sept. 2.

Unclassified

Proposed Work

Elevated Station—Boston, Mass.—Commonwealth of Massachusetts, Dept. Pub. Utilities, State House, had plans prepared by F. A. Bourne, 177 State St., rein.-con. and steel elevated station, Cambridge and Charles Sts. $800,000. E. R. Springer, Transit Dept., 1 Beacon St., engr.

Stone Crushing Plant—Caldwell, N. J.—G. C. Bergen, purch. agt. Essex Co., Court House, Newark, rejected bids stone crushing plant, at Essex Co. Penitentiary, here. Will readvertise. Noted Sept. 30.

Transmission Line, etc.—North Carolina—Towns of Colerain and Harrellsville plan 20 mi. transmission line to Ashokie and lighting system.

Grade Crossing Elimination—Columbus, O.—Election in November $750,000 bonds, elimination grade crossings at Pennsylvania R.R. and Cleveland Ave., 18th and 11th Aves., Big Four Crossing on West Broad St. and completing work of Norfolk and Western at Livingston Ave., Main, Broad and Long Sts.

Golf Course — Manistique, Mich. — See "Buildings—Commercial."

Port Facilities — Texas City, Tex. — Atchison, Topeka & Santa Fe Ry., C. E. W. Felt, ch. engr., 80 East Jackson Blvd., Chicago, Ill., Missouri Pacific R.R. Co., E. A. Hadley, ch. engr., Railway Exch. Bldg., St. Louis, Mo., and Missouri-Kansas-Texas R.R. Co., F. Ringer, ch. engr., St. Louis, Mo., making surveys, etc., extending port facilities, here. $400,000.

Power Development—Miami, Okla.—J. F. Robinson plans 269,000 hp. hydro-electric project on Grand River. $7,000,000. R. D. Salisbury, Denver, Colo., engr.

Bids Desired

Heating Work, etc.—Brooklyn, N. Y.—Nov. 10, by State Hospital Comn., Capitol, Albany, heating work, new boiler and piping, etc., at Brooklyn State Hospital, here; adv. E. N.-R. Oct. 21.

Sanitary Work, etc.—Central Islip, N. Y.—Nov. 10, by State Hospital Comn., Capitol, Albany, sanitary work, watermains, etc., at Central Islip State Hospital, here; adv. E. N.-R. Oct. 21.

Balustrade—New York, N. Y.—Oct. 26, by Dept. Parks, Park Bd., Arsenal Bldg., Central Park, F. D. Gallatin, pres., artificial granite balustrade and base course on top present stone or concrete bulkhead wall along easterly boundary of Harlem River Driveway between 171st and 193rd Sts.

Subway—New York, N. Y.—Oct. 29, by Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., constructing Sect. 5, Route 101, Rapid Transit R.R. extending under 6th and Greenwich Aves. from West 3rd to Bank Sts.

Crossarms—Phila., Pa.—Oct. 28, by M. Smith, purch. agt. Pennsylvania R.R., at 17th and Filbert Sts., structural steel crossarms, Contr. 53-1926.

Crossings, etc. — Phila., Pa. — See "Bridges."

Overhead Crossing — Florida — See "Streets and Roads."

Transit Sheds—West Palm Beach, Fla.—Oct. 28, at Room 915, Comeau Bldg., 66 x 622 ft., and 75 x 622 ft. transit sheds at Lake Worth Inlet Terminal.

Transmission Line — Wisconsin — See "Contracts Awarded."

Generator — Two Harbors, Minn. — Oct. 25, by City Clerk, 500 kw.h. electric generator unit, 275-300 hp. boiler or two 150 hp. boilers.

Swimming Pool—Lodi, Calif.—Oct. 28, by Trustees Lodi Union High School Dist., 30 x 75 ft. swimming pool and building enclosure, incl. heating, filters and chlorinators, etc. W. J. Wright, Mail Bldg., Stockton, archt.

Bids Received

Elevated Line — Brooklyn, N. Y. — Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., Oct. 8, constructing Sect. 6F, Route 8, steel bent structure, connecting 14th St. Route with Bway. elevated system of Rapid Transit R.R., from Gotham Constr. Corp., 50 Church St., New York City, $229,619. Noted Sept. 23.

Entrance, etc.—New York, N. Y.—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., Oct. 18, relocating entrance and passageway, Canal St. Station, on 7th Ave.-Lexington Ave. Rapid Transit R.R., Agreement "ET," from Pattelli & Wilson, Inc., 6011 12th Ave., Brooklyn, $116,800. Noted Oct. 7.

Subway—New York, N. Y.—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., Oct. 15, Sect. 3, Route 104, Rapid Transit R.R., from Patrick McGovern, Inc., 50 East 42nd St., $10,482,000. Noted Sept. 9.

Subway—New York, N. Y.—Bd. Transportation, 49 Lafayette St., Oct. 11, constructing Sect. 1, Route 104, Rapid Transit R.R. under West 53rd St., from Carleton Co., Inc., 151 West 42nd St., $5,276,000; Sect. 2 same Route, from Silas Mason Co., Inc., 17 West 60th St., $4,697,000; or Sects. 1 and 2 (combined), from G. Conlon Constr. Co., 81 East 125th St., $9,700,125. Noted Oct. 7.

Playground — Baltimore, Md. — Bd. Awards, Oct. 6, from W. F. Huse, 2600 Montebello Ave., improving playground and area around Hamilton School, Glenmore and Christopher Aves. $10,247, Arlington School, Rogers and Denmore Aves. $16,812, and Windsor Hills School, Alto Ave. east of Lyndhurst Ave. $16,138. Noted Sept. 30.

Lighting System, etc.—Bexley (Columbus P. O.), **O.**—Village, R. W. Roderick, clk., lighting system on various streets, incl. 97 ornamental lighting standards, 40,000 ft. cables, from C. M. Kelso, 1065 Reibold Bldg., Dayton, $23,066.

See proposal advertising on page 131

Subway—Cincinnati, O.—See "Streets and Roads."

Stack—Lancaster, O.—See "Buildings—Industrial."

Lighting System—La Mesa, Calif.—See "Streets and Roads."

Dyke-Oakland, Calif.—For 30,000 tons rock dyke on site proposed Grove St. Pier, from Daniel Contg. Co., 503 Market St., San Francisco, at $1.70 per ton.

Street Lighting System — San Fernando, Calif.—See "Streets and Roads."

Contracts Awarded

Playground—Dorchester (Boston P. O.), **Mass.**—City, School House Dept., Boston, reconstructing and grading playground Dorchester High School, here, to J. C. Coleman & Sons Co., 1020 Tremont St., Boston. Engrs. est. $25,000. Noted Aug. 12.

Heating and Ventilating System—Darien, Conn. — Town School Com., heating and ventilating system in High School, Post Rd., to Howlett Co., 886 Main St., Bridgeport. Noted Sept. 23.

Fire Alarm System—Brooklyn, N. Y.—J. J. Dorman, fire comr., Municipal Bldg., New York City, portion underground fire alarm system, here, to W. F. Kenny Co., 44 East 23rd St., New York City, (1) $10,758; and to James Sugden Co., 100 5th Ave. New York City, (2) $40,624.

Subway—New York, N. Y.—Bd. Transportation, J. H. Delaney, chn., 49 Lafayette St., Sect. 3, Route 105, on 207th St. between Bway. and 10th Ave., to D. C. Serber, Inc., Grand Central Terminal, $1,195,000. Noted Sept. 30.

Retaining Wall — Wash., D. C. — City Comrs., retaining wall of McKinley High School, to H. S. Hatton Constr. Co., Bond Bldg., $47,750.

River Terminal—Baton Rouge, La.—City, steel car float, concrete transfer platform, etc. for river and rail interchange, to Howard Ship Yards & Docks Co., Jeffersonville, Ind., approximately $122,000. Noted Sept. 16.

Swimming Pool — Old Point Comfort (mail Fortress Monroe), **Va.**—See "Buildings—Commercial."

Lighting System—East Chicago, Ind.—Ornamental lighting system on various streets, to Pub. Constr. Co., East Chicago, $31,567.

Foundation, etc.—Sault Ste. Marie, Mich.—Ojibway Park Hotel Co., 601 Adams Bldg., foundation and excavation for 7 story and basement, rein.-con. and brick hotel, plain foundation, to M. N. Hunt, 651 Bingham St. Noted Sept. 23 under "Buildings—Commercial."

Transmission Line—Wisconsin—Wisconsin Power & Light Co., Gay Bldg., Madison, will build high power transmission line between Wild Rose and Big Falls, by day labor. $25,000. E. J. Kalleway, c/o owner, engr.

Stadium and Fieldhouse — Northfield, Minn.—Holmes & Flynn, archts., 8 South Dearborn St., Chicago, Ill., general contract concrete stadium, 9,000 seating capacity, and field house, here, to H. N. Leighton & Co., 127 South 10th St., Minneapolis, for Carlton College. $150,000.

Gas System — Galveston, Tex. — Cedar Lawn Development Co., natural gas piping system through sub-division, to Galveston Gas Co., 2422 D St., approximately $27,500.

Lighting System—Los Angeles, Calif.—Ornamental street lighting system on Rampart Blvd. between Temple and 6th Sts., to H. H. Walker, 1323 Venice Blvd., $25,232. Noted Oct. 7.

Materials

Bids Desired

Oil—New Jersey—Oct. 25, by State Hy. Comn., Trenton, 35,300 gal. asphaltic oil, Grade HK, in metal or wooden containers.

Circle-Ball Frogs, etc.—Phila., Pa.—Oct. 22, by Montgomery Smith, purch. agt. Pennsylvania R.R. Co., at 17th and Filbert Sts., circle-ball frogs and crossings, Contr. 51-1926. A. C. Shand, Broad St. Sta., ch. engr. railroad.

Electrical Material — Chicago, Ill. — Oct. 27, by Dept. Gas & Electricity, City Hall, electrical material for street lighting system, incl. single conductor 5,000 volt No. 8-B and S. G. rubber insulated lead covered cable, pole type series transformers for 1,000 c.p. lamp, manhole type series transformers for 2,500 c.p. lamps, tubular steel poles, malleable iron break arms and steps, c.i. pole tops, etc. J. J. Miller, comr.

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HERCULES ENGINES

Several years ago, Hercules, as pioneers in the introduction of internal combustion engines to general industry, listed eleven uses of this type of engine, and the number was thought extravagant.

Today, Hercules is "on the job" in more than sixty applications, as the list to the right shows.

Today Hercules is serving several hundred customers so well—so "personally"—that it seems safe to assume that this list will be proportionately increased—through the demands and requirements of new customers—even more quickly than was the earlier list.

HERCULES ENGINES AND POWER UNITS

are obtainable, as standard equipment, on the following machines:

- Air Compressors
- Asphalt Plants
- Backfillers
- Cane Mills
- Centrifugal Pumps
- Concrete Mixers
- Conveyors
- Cotton Gins
- Cranes
- Drag Lines
- Diggers
- Ditchers
- Dredges
- Dump Trucks
- Electric Generators
- Electric Light Plants
- Electric Welders
- Elevators
- Excavators
- Farm Tractors
- Flour and Feed Mills
- Gasoline Shovels
- Gravel Plants
- Harvesters
- High Pressure Pumps
- Hoists
- Hydraulic Machinery
- Industrial Tractors
- Irrigation Pumps
- Loaders
- Locomotives
- Logging Machinery
- Marine Applications
- Mining Machinery
- Motor Coaches
- Motor Trucks
- Oil Field Equipment
- Pavers
- Rail Cars
- Refrigerating Machinery
- Road Building Machinery
- Road Maintenance Work
- Road Rollers
- Road Scrapers
- Sand Cutters
- Saw Mills
- Scows
- Snow Plows
- Spading Machines
- Stand-by Equipment
- Stone-Gravel Crushers
- Street Sprinklers
- Street Sweepers
- Telephone Stations
- Threshers
- Track Layers
- Trenchers
- Turntables
- Well Drillers (Oil—Water)
- Winches
- Wood Working Machinery

HERCULES MOTORS CORPORATION, CANTON, OHIO, U. S. A.